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CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After December 29, 2015

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1782***
For each additional sheet over 30	**$20**
3. **International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 29 décembre 2015

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1782 $***
Pour chaque feuille au delà de 30	**20 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. **Handling fee** (Rule 57.2(*a*))	**$268**
6. Preliminary examination fee (Rule 58)	**$800**

* International fees will be reduced by:

- **$135** for all applications filed using PCT-EASY,
- **$268** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$402** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. **Taxe de traitement** (Règle 57.2*a*))	**268 $**
6. Taxe d'examen préliminaire (Règle 58)	**800 $**

* Les frais seront réduits de:

- **135 $** pour toutes les demandes déposées en utilisant PCT-EASY,
- **268 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **402 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

STATUTORY HOLIDAYS *(DIES NON)*

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Time limits under the *Patent, Trade-marks, Industrial Design, Copyright* and *Integrated Circuit Topography Acts*

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the *Patent* and *Trade-marks Acts*

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts.*

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

Nota : *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

Délais prévus dans *les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur* et *les topographies de circuits intégrés*

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce*

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

"If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists."

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

"Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou
qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus."

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

1) **Alberta:** 3rd Monday in February (Alberta Family Day)
2) **British Columbia:** 1st Monday in August (British Columbia Day)
3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
5) **Ontario:** 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
6) **Quebec:** June 24 (St. John the Baptist Day)
7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
8) **Yukon:** 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business

1) **Alberta** : 3e lundi de février (Jour de la Famille de l'Alberta)
2) **Colombie-Britannique** : 1er lundi d'août (Fête de la Colombie-Britannique)
3) **Nouveau-Brunswick** : 1er lundi d'août (Fête du Nouveau-Brunswick)
4) **Nouvelle-Écosse** : 1er lundi d'août (congé statutaire)
5) **Ontario** : 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statuaire)
6) **Québec** : 24 juin (Saint-Jean-Baptiste)
7) **Saskatchewan** : 1er lundi d'août (Fête de la Saskatchewan)
8) **Yukon** : 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays
*New Year's Day (Jan. 1)
Good Friday
Easter Monday
Victoria Day - First Monday immediately preceding May 25
*St. John the Baptist Day (June 24)
*Canada Day (July 1)
Labour Day - First Monday in September
Thanksgiving Day - Second Monday in October
*Remembrance Day (November 11)
*Christmas Day (December 25)
Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche
*Jour de l'An (1er janvier)
Vendredi Saint
Lundi de Pâques
Fête de Victoria - premier lundi précédant immédiatement le 25 mai
*Saint-Jean-Baptiste (le 24 juin)
*Fête du Canada (1er juillet)
Fête du travail - premier lundi de septembre
Jour de l'Action de grâces - deuxième lundi d'octobre
*Jour du souvenir (11 novembre)
*Jour de Noël (25 décembre)
L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

14. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

15. Correspondence Procedures

May 24, 2016

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the *Patent Act* for obtaining a filing date, the documents will be returned to the sender.

Note regarding Fee Payment Forms: The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

15. Procédures de correspondance

le 24 mai, 2016

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance .

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la *Loi sur les brevets* pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Note concernant le formulaire de paiements: Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 613-952-2268

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Industry Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6
   Tel.: 514-496-1797
   Toll-free: 1 888 237-3037

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Industry Canada
   151 Yonge Street, 4th Floor
   Toronto ON M5C 2W7
   Tel.: 416-973-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Industry Canada
   Canada Place
   9700 Jasper Avenue, Suite 725
   Edmonton AB T5J 4C3
   Tel.: 780-495-4782
   Toll-free: 1 800 461-2646

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Industry Canada
   Library Square
   300 West Georgia Street, Suite 2000
   Vancouver BC V6B 6E1
   Tel.: 604-666-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which

1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 613-952-2268

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Industrie Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6
   Tél. : 514-496-1797
   Sans frais : 1-888-237-3037

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Industrie Canada
   151, rue Yonge, 4e étage
   Toronto (Ontario) M5C 2W7
   Tél. : 416-973-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Industrie Canada
   Canada Place
   9700, avenue Jasper, pièce 725
   Edmonton (Alberta) T5J 4C3
   Tél. : 780-495-4782
   Sans frais : 1-800-461-2646

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Industrie Canada
   Library Square
   300, rue Georgia Ouest, pièce 2000
   Vancouver (C.-B.) V6B 6E1
   Tél. : 604-666-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date.

CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

2. *Registered Mail*™ and *Xpresspost*™ Service of Canada Post

2. Service *Courrier recommandé* MC et *Xpresspost*MC de Postes Canada

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the *Registered Mail* ™ and *Xpresspost*™ services of Canada Post are designated establishment or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les services *Courrier recommandé*MC et *Xpresspost*MC de Postes Canada sont des établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

CIPO considers that correspondence delivered through the *Registered Mail* ™ and *Xpresspost*™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

L'OPIC considère que la correspondance livrée par l'entremise des services *Courrier recommandé*MC et *Xpresspost*MC de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

3. Electronic Correspondence

3. Correspondance électronique

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via CIPO's Web site or on an electronic medium only as provided in the current notice.

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le site web de l'OPIC ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à

national phase will not be accepted.

des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or
819-953-OPIC (953-6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoie. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically via CIPO's Web site.

3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC.

Patents

For the purpose of subsection 5(6) of the *Patent Rules*, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe and ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents;
- ordering copies in paper, or electronic form of a document.

Brevets

Aux fins du paragraphe 5(6) des *Règles sur les brevets*, la correspondance suivante destinée au Bureau des brevets peut être envoyés par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe et ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE and ePCT

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT e-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT: PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- filing a new or revised trade-mark application;
- renewal of a trade-mark registration;
- request to enter a name on the list of trade-mark agents;
- annual renewal of a trade-mark agent;
- requesting copies of trade-mark documents;
- filing of a declaration of use;
- registration of a trade-mark application; and
- statement of Opposition; and
- extensions of time in trade-mark opposition cases.

Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

Droits d'auteur

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the *Industrial Design Regulations*, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du *Règlement sur les dessins industriels*, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the *Integrated Circuit Topography Regulations*, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits integers

Topographies de circuits intégrés
Aux fins du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

3.3 Electronic Medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements

3.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande.

prescribed in the *Patent Rules* still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the *Patent Rules*, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Les exigences relatives à la date de dépôt énoncées dans les *Règles sur les brevets* resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to *PCT Rules* 89*bis* and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing

Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux *Règles* 89bis et 89ter *du PCT* et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou
ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des

fee, refer to Section 7 of the PCT Administrative Instructions.

séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationaleale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

4. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;

4. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;

- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

5. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of December 13, 2016 contains applications open to public inspection from November 27, 2016 to December 3, 2016.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 13 décembre 2016 contient les demandes disponibles au public pour consultation pour la période du 27 novembre 2016 au 3 décembre 2016.

Canadian Patents Issued

December 13, 2016

Brevets canadiens délivrés

13 décembre 2016

[11] **2,445,458**
[13] C
[51] **Int.Cl. C12M 3/00 (2006.01) C12M 1/36 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR PHARMACOKINETIC-BASED CELL CULTURE SYSTEM**
[54] **DISPOSITIFS ET PROCEDES POUR SYSTEME DE CULTURE CELLULAIRE PHARMACOCINETIQUE**
[72] SHULER, MICHAEL, US
[72] BAXTER, GREGORY T., US
[72] SIN, AARON, US
[72] MEYERS, SCOTT, US
[72] HARRISON, ROBERT ANDREW, CA
[73] CORNELL RESEARCH FOUNDATION, INC., US
[85] 2003-10-23
[86] 2002-04-25 (PCT/US2002/013083)
[87] (WO2003/027223)
[30] US (60/286,493) 2001-04-25

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[11] **2,459,622**
[13] C
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 31/7088 (2006.01) A61K 48/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR RESTORING SENSITIVITY TO TREATMENT WITH HER2 ANTAGONISTS**
[54] **COMPOSITIONS ET METHODES POUR RESTAURER LA SENSIBILITE AUX ANTAGONISTES DE HER2 LORS D'UN TRAITEMENT**
[72] SERRERO, GINETTE, US
[73] A&G PHARMACEUTICAL, INC., US
[86] (2459622)
[87] (2459622)
[22] 2004-02-27
[30] US (60/491,536) 2003-08-01

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[11] **2,481,282**
[13] C
[51] **Int.Cl. A61K 38/16 (2006.01) A61K 35/74 (2015.01) A61P 29/00 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **PROTEIN A COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS DE PROTEINE A ET METHODES D'UTILISATION ASSOCIEES**
[72] MANN, PAUL, US
[73] PROTALEX, INC., US
[85] 2004-10-06
[86] 2003-03-06 (PCT/US2003/007019)
[87] (WO2003/086317)
[30] US (10/121,481) 2002-04-10

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[11] **2,492,826**
[13] C
[51] **Int.Cl. A61K 39/39 (2006.01) A61K 39/00 (2006.01) A61P 37/04 (2006.01) C07K 14/02 (2006.01) C07K 14/025 (2006.01) C07K 14/08 (2006.01) C12N 7/04 (2006.01)**
[25] EN
[54] **ENCAPSULATION OF UNMETHYLATED CPG-CONTAINING OLIGONUCLEOTIDES INTO VIRUS-LIKE PARTICLES: METHOD OF PREPARATION AND USE**
[54] **ENCAPSULATION D'OLIGONUCLEOTIDES CONTENANT DU CPG NON METHYLE DANS DES PARTICULES DE TYPE VIRUS : METHODE DE PREPARATION ET D'UTILISATION**
[72] BACHMANN, MARTIN F., CH
[72] STORNI, TAZIO, CH
[72] MAURER, PATRICK, CH
[72] TISSOT, ALAIN, CH
[72] SCHWARZ, KATRIN, CH
[72] MEIJERINK, EDWIN, CH
[72] LIPOWSKY, GERAD, CH
[72] PUMPENS, PAUL, LV
[72] CIELENS, INDULIS, LV
[72] RENHOFA, REGINA, LV
[73] CYTOS BIOTECHNOLOGY AG, CH
[85] 2004-03-12
[86] 2002-09-16 (PCT/IB2002/004132)
[87] (WO2003/024481)
[30] US (60/318,994) 2001-09-14
[30] US (60/374,145) 2002-04-22

[11] **2,513,607**
[13] C
[51] **Int.Cl. G01K 11/00 (2006.01) A23L 3/00 (2006.01) B65G 53/66 (2006.01) G01D 5/12 (2006.01) G01J 1/48 (2006.01) G01J 9/00 (2006.01) G01K 11/06 (2006.01) G01K 13/02 (2006.01) G01L 9/14 (2006.01) G01N 19/10 (2006.01)**
[25] EN
[54] **METHODS, SYSTEMS, AND DEVICES FOR EVALUATION OF THERMAL TREATMENT**
[54] **PROCEDES, SYSTEMES ET DISPOSITIFS POUR EVALUER UN TRAITEMENT THERMIQUE**
[72] PALAZOGLU, TUNC KORAY, TR
[72] SIMUNOVIC, JOSIP, US
[72] SWARTZEL, KENNETH R., US
[72] SANDEEP, KANDIYAN PUTHALATH, US
[73] NORTH CAROLINA STATE UNIVERSITY, US
[85] 2005-07-15
[86] 2004-01-28 (PCT/US2004/002335)
[87] (WO2004/067786)
[30] US (60/443,298) 2003-01-28

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[11] **2,515,486**
[13] C
[51] **Int.Cl. H04W 8/18 (2009.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **INTERNET BASED CELLULAR TELEPHONE SERVICE ACCOUNTING METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE TARIFICATION DE SERVICES DE TELEPHONIE CELLULAIRE A BASE D'INTERNET**
[72] MOSS, RONALD, CA
[73] WORTHWARE SYSTEMS INTERNATIONAL INC., CA
[85] 2005-08-09
[86] 2004-02-25 (PCT/CA2004/000266)
[87] (WO2004/077862)
[30] US (60/449,404) 2003-02-25

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[11] **2,516,087**
[13] C
[51] **Int.Cl. A61K 39/40 (2006.01) A61K 39/395 (2006.01) A61K 39/42 (2006.01) C07K 16/02 (2006.01) C07K 16/24 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **ANTIBODIES AGAINST RESPIRATORY AILMENT-CAUSING PATHOGENS**
[54] **ANTICORPS CONTRE LES PATHOGENES CAUSANT DES INSUFFISANCES RESPIRATOIRES**
[72] NASH, PETER, US
[72] MITTENESS, BRADLEY M., US
[73] CAMAS, INCORPORATED, US
[85] 2005-08-15
[86] 2004-02-17 (PCT/US2004/004623)
[87] (WO2004/073393)
[30] US (60/447,904) 2003-02-19
[30] US (10/775,557) 2004-02-10

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[11] **2,532,430**
[13] C
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) C07H 21/04 (2006.01) C07K 16/46 (2006.01) C12N 15/13 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **HUMANIZED VERSIONS OF MONOCLONAL ANTIBODY DS6 THAT BIND TUMOUR ANTIGEN CA6**
[54] **VERSIONS ADAPTEES A L'HUMAIN DE L'ANTICORPS MONOCLONAL DS6 SE LIANT A L'ANTIGENE TUMORAL CA6**
[72] PAYNE, GILLIAN, US
[72] CHUN, PHILIP, US
[72] TAVARES, DANIEL J., US
[73] IMMUNOGEN, INC., US
[85] 2006-01-12
[86] 2004-07-21 (PCT/US2004/023340)
[87] (WO2005/009369)
[30] US (60/488,447) 2003-07-21

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[11] **2,533,820**
[13] C
[51] **Int.Cl. C07K 5/00 (2006.01) C07K 1/04 (2006.01) C07K 5/08 (2006.01)**
[25] EN
[54] **SPATIALLY-DEFINED MACROCYCLES INCORPORATING PEPTIDE BOND SURROGATES**
[54] **COMPOSES MACROCYCLIQUES DEFINIS SPATIALEMENT INCORPORANT DES SUBSTITUTS DE LIAISON PEPTIDIQUE**
[72] BEAUBIEN, SYLVIE, CA
[72] DESLONGCHAMPS, PIERRE, CA
[72] DORY, YVES, CA
[72] FORTIN, DANIEL, CA
[72] HOVEYDA, HAMID, CA
[72] MARSAULT, ERIC, CA
[72] OUELLET, LUC, CA
[72] PETERSON, MARK, CA
[72] RAMASESHAN, MAHESH, CA
[72] VILLENEUVE, GERALD, CA
[72] FRASER, GRAEME L., BE
[73] OCERA THERAPEUTICS, INC., US
[85] 2006-01-26
[86] 2004-08-02 (PCT/CA2004/001441)
[87] (WO2005/012332)
[30] US (60/491,249) 2003-07-31
[30] US (60/491,253) 2003-07-31
[30] US (60/491,250) 2003-07-31

---

[11] **2,548,488**
[13] C
[51] **Int.Cl. A01N 63/02 (2006.01) A01N 43/36 (2006.01) A01N 43/52 (2006.01) A01N 43/54 (2006.01) A01N 47/04 (2006.01) A01N 51/00 (2006.01) A01P 3/00 (2006.01) A01P 7/04 (2006.01) A01P 21/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS PROVIDING AGRONOMICALLY BENEFICIAL EFFECTS IN LEGUMES AND NON-LEGUMES**
[54] **METHODES ET COMPOSITIONS PRODUISANT SUR LES LEGUMINEUSES ET LES NON-LEGUMINEUSES DES EFFETS BENEFIQUES SUR LE PLAN AGRONOMIQUE**
[72] SMITH, R. STEWART, US
[72] OSBURN, ROBERT M., US
[72] KOSANKE, JOHN W., US
[73] NOVOZYMES BIOAG A/S, DK
[85] 2006-06-01
[86] 2004-12-23 (PCT/US2004/043161)
[87] (WO2005/062899)
[30] US (60/532,258) 2003-12-23
[30] US (60/585,609) 2004-07-06

[11] **2,569,529**
[13] C
[51] **Int.Cl. G06Q 30/02 (2012.01) G06F 17/27 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR AUTOMATED INTELLIGENT ELECTRONIC ADVERTISING**
[54] **PROCEDE ET SYSTEME DE PUBLICITE ELECTRONIQUE INTELLIGENTE ET AUTOMATISEE**
[72] BOOKSTAFF, BLAKE, US
[73] BOOKSTAFF, BLAKE, US
[85] 2006-12-28
[86] 2005-06-29 (PCT/US2005/023495)
[87] (WO2006/005001)
[30] US (60/583,960) 2004-06-29

---

[11] **2,572,744**
[13] C
[51] **Int.Cl. H04W 72/04 (2009.01) H04W 52/04 (2009.01)**
[25] EN
[54] **COMMUNICATION TERMINAL APPARATUS AND WIRELESS TRANSMISSION METHOD**
[54] **APPAREIL TERMINAL DE COMMUNICATION ET METHODE DE TRANSMISSION SANS FIL**
[72] NISHIO, AKIHIKO, JP
[73] OPTIS WIRELESS TECHNOLOGY, LLC, US
[85] 2007-01-03
[86] 2005-07-12 (PCT/JP2005/012855)
[87] (WO2006/006602)
[30] JP (2004-207196) 2004-07-14
[30] JP (2005-200276) 2005-07-08

---

[11] **2,577,190**
[13] C
[51] **Int.Cl. G06Q 99/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ACCESS VERIFICATION WITHIN A VENUE**
[54] **PROCEDE SYSTEME DE VERIFICATION D'ACCES A UN SITE OU UN LIEU DE REUNION**
[72] NAKFOOR, BRETT A., US
[73] FLASH SEATS, LLC, US
[85] 2007-02-13
[86] 2005-08-12 (PCT/US2005/028814)
[87] (WO2006/020908)
[30] US (10/918,173) 2004-08-13

---

[11] **2,585,322**
[13] C
[51] **Int.Cl. G06Q 20/28 (2012.01) H04W 4/12 (2009.01) H04W 8/26 (2009.01) G06Q 20/20 (2012.01) G06K 19/07 (2006.01) G07F 7/10 (2006.01) G01V 15/00 (2006.01)**
[25] EN
[54] **RADIO FREQUENCY IDENTIFICATION PURCHASE TRANSACTIONS**
[54] **TRANSACTIONS D'ACHATS A IDENTIFICATION PAR RADIOFREQUENCE**
[72] CHAKIRIS, PHIL M., US
[72] SMITH, MERRILL BROOKS, US
[72] LOWIN, LESLIE G., US
[73] E2INTERACTIVE, INC. D/B/A E2INTERACTIVE, INC., US
[86] (2585322)
[87] (2585322)
[22] 2007-04-18
[30] US (11/436,321) 2006-05-18

---

[11] **2,589,013**
[13] C
[51] **Int.Cl. A61K 36/67 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **METHOD TO PREPARE PIPER LAETISPICUM C.DC. EXTRACT, THE EXTRACT AND THE APPLICATION THEREOF**
[54] **EXTRAIT DE PIPER LAETISPICUM C.DC., PROCEDE D'ELABORATION ET APPLICATIONS**
[72] WANG, EZHOU, CN
[72] JIANG, YI, CN
[73] SUZHOU YI-HUA BIOMEDICAL TECHNOLOGY CO., LTD., CN
[85] 2007-05-31
[86] 2005-11-28 (PCT/CN2005/002034)
[87] (WO2006/058487)
[30] CN (200410084791.7) 2004-12-01

---

[11] **2,594,076**
[13] C
[51] **Int.Cl. G06K 7/00 (2006.01) G01D 11/30 (2006.01) G01V 3/12 (2006.01) G06K 7/015 (2006.01) G06K 7/08 (2006.01) G06K 9/20 (2006.01) G06K 9/32 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM AND SUPPORT MECHANISM FOR OBJECT IDENTIFICATION**
[54] **METHODE, SYSTEME ET MECANISME DE SOUTIEN POUR IDENTIFICATION D'OBJETS**
[72] STAGG, ADRIAN JOSEPH, CA
[73] PSION INC., CA
[86] (2594076)
[87] (2594076)
[22] 2007-07-18

---

[11] **2,597,518**
[13] C
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **MATCHING PRODUCT SYSTEM AND METHOD**
[54] **MISE EN ADEQUATION D'UN SYSTEME PRODUITS ET D'UN PROCEDE**
[72] CONNOLLY, JAMES M., US
[72] HANECHAK, BRIAN D., US
[72] WALKER, KENNETH A., JR., US
[73] CIMPRESS SCHWEIZ GMBH, BM
[85] 2007-08-10
[86] 2005-12-16 (PCT/US2005/045570)
[87] (WO2006/088547)
[30] US (11/056,304) 2005-02-11
[30] US (11/082,543) 2005-03-17

[11] **2,606,351**
[13] C
[51] **Int.Cl. C12Q 1/37 (2006.01) A61K 38/43 (2006.01) A61P 7/02 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **ADAMTS13-COMPRISING COMPOSITIONS HAVING THROMBOLYTIC ACTIVITY**
[54] **COMPOSITIONS CONTENANT ADAMTS13, PRESENTANT UNE ACTIVITE THROMBOLYTIQUE**
[72] WAGNER, DENISA, US
[72] CHAUHAN, ANIL KUMAR, US
[72] SCHEIFLINGER, FRIEDRICH, AT
[72] PLAIMAUER, BARBARA, AT
[73] BAXTER INTERNATIONAL INC., US
[73] BAXTER HEALTHCARE S.A., CH
[73] THE CHILDREN'S MEDICAL CENTER CORPORATION, US
[85] 2007-10-22
[86] 2006-06-16 (PCT/EP2006/005800)
[87] (WO2006/133955)
[30] US (60/691,927) 2005-06-17
[30] US (60/729,323) 2005-10-21
[30] US (60/771,265) 2006-02-07

---

[11] **2,607,197**
[13] C
[51] **Int.Cl. C07K 16/22 (2006.01) A61K 39/395 (2006.01) C07K 14/475 (2006.01) C07K 14/51 (2006.01) C07K 16/18 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **SCLEROSTIN BINDING AGENTS**
[54] **AGENTS DE FIXATION**
[72] PASZTY, CHRISTOPHER, US
[72] ROBINSON, MARTYN KIM, GB
[72] GRAHAM, KEVIN, US
[72] HENRY, ALISTAIR JAMES, GB
[72] HOFFMANN, KELLY SUE, US
[72] LATHAM, JOHN, US
[72] LAWSON, ALASTAIR, GB
[72] LU, HSIENG SEN, US
[72] POPPLEWELL, ANDY, GB
[72] SHEN, WENYAN, US
[72] WINKLER, DAVID, US
[72] WINTERS, AARON GEORGE, US
[73] AMGEN INC., US
[73] UCB PHARMA S.A., BE
[85] 2007-11-01
[86] 2006-04-28 (PCT/US2006/016441)
[87] (WO2006/119107)
[30] US (60/677,583) 2005-05-03
[30] US (60/776,847) 2006-02-24
[30] US (60/782,244) 2006-03-13
[30] US (60/792,645) 2006-04-17
[30] US (11/411,003) 2006-04-25

---

[11] **2,610,656**
[13] C
[51] **Int.Cl. A61B 5/04 (2006.01) A61N 1/36 (2006.01)**
[25] EN
[54] **NEUROLOGICAL PROBE AND METHOD OF USING SAME**
[54] **SONDE NEUROLOGIQUE ET METHODE D'UTILISATION**
[72] NIKUMB, SUWAS, CA
[72] DINKEL, CRAIG, CA
[72] JOG, MANDAR, CA
[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[73] LONDON HEALTH SCIENCES CENTRE RESEARCH INC., CA
[86] (2610656)
[87] (2610656)
[22] 2007-11-06
[30] US (11/600,065) 2006-11-16

---

[11] **2,613,020**
[13] C
[51] **Int.Cl. E21B 41/00 (2006.01) E21B 12/00 (2006.01) E21B 33/12 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING ACTUATION OF A WELL COMPONENT**
[54] **SYSTEME ET METHODE DE COMMANDE DE DECLENCHEMENT D'UN ELEMENT DE PUITS DE FORAGE**
[72] XU, ZHENG R., US
[72] EATWELL, WILLIAM D., US
[73] SCHLUMBERGER CANADA LIMITED, CA
[86] (2613020)
[87] (2613020)
[22] 2007-12-03
[30] US (11/610,777) 2006-12-14

---

[11] **2,616,252**
[13] C
[51] **Int.Cl. C12N 15/66 (2006.01)**
[25] EN
[54] **OLIGONUCLEOTIDE LIBRARY ENCODING RANDOMISED PEPTIDES**
[54] **BIBLIOTHEQUE D'OLIGONUCLEOTIDES CODANT POUR DES PEPTIDES ALEATOIRES**
[72] ASHRAF, MOHAMMED, GB
[72] HUGHES, MARCUS DANIEL, GB
[72] HINE, ANNA VICTORIA, GB
[73] ASTON UNIVERSITY, GB
[85] 2008-01-22
[86] 2006-07-18 (PCT/GB2006/002672)
[87] (WO2007/010243)
[30] GB (0515131.1) 2005-07-22

---

[11] **2,617,439**
[13] C
[51] **Int.Cl. A21D 10/00 (2006.01)**
[25] EN
[54] **BATTER-LIKE COMPOSITIONS CONTAINING SETTING AGENT AND METHODS OF PREPARING AND USING SAME**
[54] **COMPOSITIONS EN PATE LISSE QUI CONTIENNENT UN ACCELERATEUR DE PRISE ET METHODES POUR LES PREPARER ET LES UTILISER**
[72] KOU, YANG, US
[72] BAETEN, JAMES R., US
[72] CONLEY, JILL, US
[72] FISHBACH, ANITA, US
[72] O'CONNOR, CHRISTINE, US
[73] GENERAL MILLS MARKETING, INC., US
[85] 2008-01-30
[86] 2006-08-03 (PCT/US2006/030552)
[87] (WO2007/019364)
[30] US (60/705,035) 2005-08-03

[11] **2,618,233**
[13] C
[51] **Int.Cl. A45D 24/36 (2006.01) B26B 29/06 (2006.01)**
[25] EN
[54] **HAIR CUTTING DEVICE AND METHOD**
[54] **INSTRUMENT ET METHODE DE COUPE DE CHEVEUX**
[72] BANDONIS, MAI, US
[72] HSIA, MARTIN E., US
[73] CREAPRODUCTS INC., US
[86] (2618233)
[87] (2618233)
[22] 2008-01-03
[30] US (60/919,591) 2007-03-21
[30] US (11/844,152) 2007-08-23
[30] US (11/844,144) 2007-08-23

---

[11] **2,623,427**
[13] C
[51] **Int.Cl. G06F 17/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR RECORDING AND PLAYING BACK PROGRAMS HAVING DESIRABLE RECORDING ATTRIBUTES**
[54] **SYSTEMES ET PROCEDES PERMETTANT L'ENREGISTREMENT ET LA LECTURE DE PROGRAMMES DOTES DE PROPRIETES D'ENREGISTREMENT DESIRABLES**
[72] ELLIS, MICHAEL D., US
[72] SPIEGEL, REED S., US
[73] ROVI GUIDES, INC., US
[85] 2008-03-20
[86] 2006-09-29 (PCT/US2006/038639)
[87] (WO2007/041588)
[30] US (11/241,523) 2005-09-30

---

[11] **2,623,590**
[13] C
[51] **Int.Cl. A61K 35/744 (2015.01) A61K 31/606 (2006.01) A61K 31/635 (2006.01) A61P 1/00 (2006.01)**
[25] EN
[54] **A PREPARATION FOR TREATMENT OF NON-INFECTIOUS INFLAMMATORY INTESTINAL DISEASES**
[54] **PREPARATION DESTINEE A TRAITER DES MALADIES INTESTINALES INFLAMMATOIRES NON INFECTIEUSES**
[72] VAYNSHTOK, IGOR IZMAILOVICH, RU
[72] MACULEVICH, TAMARA VASILEVNA, RU
[72] BOLOTOV, VALERIY DMITRIEVICH, RU
[72] DOROSHENKO, EKATERINA OLEGOVNA, RU
[73] ZAKRYTOE AKCIONERNOE OBSHHESTVO "PARTNER", RU
[85] 2008-03-25
[86] 2006-09-04 (PCT/RU2006/000471)
[87] (WO2007/035129)
[30] RU (2005129581) 2005-09-26

---

[11] **2,625,263**
[13] C
[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 9/00 (2006.01)**
[25] EN
[54] **MULTICOMPONENT NUCLEIC ACID ENZYMES AND METHODS FOR THEIR USE**
[54] **ENZYMES DE TYPE ACIDES NUCLEIQUES A PLUSIEURS COMPOSANTS ET PROCEDES POUR L'UTILISATION DE CELLES-CI**
[72] MOKANY, ELISA, AU
[72] BIRKETT, DONALD JOHN, AU
[72] TODD, ALISON VELYIAN, AU
[72] DOAN, TRAM BICH, AU
[73] JOHNSON & JOHNSON RESEARCH PTY LIMITED, AU
[85] 2008-04-07
[86] 2006-10-06 (PCT/AU2006/001473)
[87] (WO2007/041774)
[30] US (60/724,567) 2005-10-07
[30] US (60/726,291) 2005-10-13

---

[11] **2,626,654**
[13] C
[51] **Int.Cl. H04W 88/02 (2009.01) H03M 11/00 (2006.01) H04R 1/08 (2006.01) H04R 1/10 (2006.01)**
[25] EN
[54] **MULTI-BUTTON CONTROL HEADSET FOR A MOBILE COMMUNICATION DEVICE**
[54] **CASQUE D'ECOUTE AVEC COMMANDE MULTITOUCHE POUR DISPOSITIF DE COMMUNICATION MOBILE**
[72] LOWLES, ROBERT J., CA
[72] HUI, EDWARD, CA
[72] MAK-FAN, DAVID, CA
[73] BLACKBERRY LIMITED, CA
[86] (2626654)
[87] (2626654)
[22] 2008-03-20
[30] EP (07105171) 2007-03-29

---

[11] **2,627,550**
[13] C
[51] **Int.Cl. C02F 1/52 (2006.01) C02F 1/38 (2006.01) C02F 1/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM OF WATER MANAGEMENT IN THE AGGREGATE INDUSTRY**
[54] **METHODE ET SYSTEME DE GESTION DES EAUX DANS L'INDUSTRIE DES AGREGATS**
[72] ALLARD, BARRY, CA
[72] ALLARD, JAMES T., CA
[73] ALLARD CONTRACTORS LTD., CA
[86] (2627550)
[87] (2627550)
[22] 2008-03-28
[30] US (60/908,594) 2007-03-28

[11] **2,628,263**
[13] C
[51] **Int.Cl. C12N 15/53 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A01N 25/32 (2006.01) A01N 39/04 (2006.01) A01N 43/40 (2006.01) A01N 57/20 (2006.01) A01P 13/00 (2006.01) C12N 5/10 (2006.01) C12N 9/02 (2006.01) C12N 15/82 (2006.01) C12Q 1/18 (2006.01) C12Q 1/26 (2006.01) C12Q 1/37 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **ARYLOXYALKANOATE AUXIN HERBICIDE RESISTANCE GENES AND USES THEREOF**
[54] **GENES DE RESISTANCE AUX HERBICIDES ARYLOXYALKANOATE AUXIN ET LEURS UTILISATIONS**
[72] WRIGHT, TERRY R., US
[72] LIRA, JUSTIN M., US
[72] WALSH, TERENCE ANTHONY, US
[72] MERLO, DONALD J., US
[72] JAYAKUMAR, PON SAMUEL, US
[72] LIN, GAOFENG, US
[73] DOW AGROSCIENCES LLC, US
[85] 2008-04-28
[86] 2006-10-27 (PCT/US2006/042133)
[87] (WO2007/053482)
[30] US (60/731,044) 2005-10-28

---

[11] **2,629,443**
[13] C
[51] **Int.Cl. C07D 498/02 (2006.01) A61K 31/505 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) C07D 495/12 (2006.01) C07D 498/12 (2006.01)**
[25] EN
[54] **OXYGEN LINKED PYRIMIDINE DERIVATIVES**
[54] **DERIVES DE PYRIMIDINE A LIAISON OXYGENE**
[72] BLANCHARD, STEPHANIE, SG
[72] LEE, CHENG HSIA ANGELINE, SG
[72] NAGARAJ, HARISH KUMAR MYSORE, SG
[72] POULSEN, ANDERS, SG
[72] SUN, ERIC T., SG
[72] TAN, YEE LING EVELYN, SG
[72] WILLIAM, ANTHONY DEODAUNIA, SG
[73] CTI BIOPHARMA CORP., US
[85] 2008-05-12
[86] 2006-11-15 (PCT/SG2006/000352)
[87] (WO2007/058627)
[30] US (60/736,838) 2005-11-16
[30] US (60/817,339) 2006-06-30
[30] US (60/851,283) 2006-10-13

---

[11] **2,630,409**
[13] C
[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 15/09 (2006.01) G01N 33/53 (2006.01) G06F 17/00 (2006.01)**
[25] EN
[54] **METHOD AND PROBES FOR IDENTIFYING A NUCLEOTIDE SEQUENCE**
[54] **METHODE ET SONDES POUR L'IDENTIFICATION D'UNE SEQUENCE DE NUCLEOTIDES**
[72] SIMONS, MALCOLM JAMES, AU
[73] HAPLOMIC TECHNOLOGIES PTY LTD, AU
[85] 2008-05-20
[86] 2006-11-21 (PCT/AU2006/001740)
[87] (WO2007/056825)
[30] US (60/738,019) 2005-11-21

---

[11] **2,636,329**
[13] C
[51] **Int.Cl. C12N 9/12 (2006.01)**
[25] EN
[54] **AVIAN TELOMERASE REVERSE TRANSCRIPTASE**
[54] **TRANSCRIPTASE INVERSE DE LA TELOMERASE AVIAIRE**
[72] ERBS, PHILIPPE, FR
[72] BALLOUL, JEAN-MARC, FR
[72] KAPFER, MARINA, FR
[72] SILVESTRE, NATHALIE, FR
[73] TRANSGENE S.A., FR
[85] 2008-07-04
[86] 2007-01-05 (PCT/EP2007/050120)
[87] (WO2007/077256)
[30] EP (06360001.9) 2006-01-05
[30] EP (06360047.2) 2006-10-13

---

[11] **2,636,471**
[13] C
[51] **Int.Cl. H01M 4/38 (2006.01) C30B 29/06 (2006.01) C30B 33/08 (2006.01)**
[25] EN
[54] **A METHOD OF FABRICATING FIBRES COMPOSED OF SILICON OR A SILICON-BASED MATERIAL AND THEIR USE IN LITHIUM RECHARGEABLE BATTERIES**
[54] **PROCEDE DE FABRICATION DE FIBRES COMPOSEES DE SILICIUM OU D'UN MATERIAU A BASE DE SILICIUM ET UTILISATIONS DE CELLES-CI DANS DES ACCUMULATEURS AU LITHIUM RECHARGEABLES**
[72] GREEN, MINO, GB
[72] LIU, FENG-MING, GB
[73] NEXEON LTD., GB
[85] 2008-07-07
[86] 2007-01-23 (PCT/GB2007/000211)
[87] (WO2007/083155)
[30] GB (0601319.7) 2006-01-23

---

[11] **2,636,781**
[13] C
[51] **Int.Cl. B29C 49/54 (2006.01) B29C 33/42 (2006.01) B29C 49/48 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR FORMING STRETCH BLOW MOLDED CONTAINERS**
[54] **PROCEDE ET APPAREIL POUR FORMER DES CONTENANTS MOULES PAR ETIRAGE ET SOUFFLAGE**
[72] BYSICK, SCOTT, US
[72] GOSS, KENT, US
[72] KELLEY, PAUL, US
[72] SHEETS, PHILIP, US
[73] GRAHAM PACKAGING COMPANY, L.P., US
[85] 2008-07-10
[86] 2007-01-11 (PCT/US2007/000800)
[87] (WO2007/082051)
[30] US (60/757,889) 2006-01-11

[11] **2,638,801**
[13] C
[51] **Int.Cl. C12N 15/56 (2006.01) C12N 15/113 (2010.01) G06F 19/22 (2011.01) A01H 5/00 (2006.01) A01K 67/027 (2006.01) A21D 8/04 (2006.01) A23G 4/14 (2006.01) A23L 2/66 (2006.01) A61K 38/47 (2006.01) A61L 12/14 (2006.01) C02F 3/00 (2006.01) C07H 21/04 (2006.01) C07K 16/40 (2006.01) C07K 19/00 (2006.01) C11D 7/42 (2006.01) C11D 9/40 (2006.01) C12N 5/16 (2006.01) C12N 9/24 (2006.01) C12N 9/42 (2006.01) C12N 11/00 (2006.01) C12N 15/00 (2006.01) C12N 15/11 (2006.01) C12N 15/63 (2006.01) C12P 7/10 (2006.01) C12P 19/00 (2006.01) C12P 19/14 (2006.01) C12Q 1/34 (2006.01) C12Q 1/68 (2006.01) C40B 40/08 (2006.01) C40B 40/10 (2006.01) C40B 50/06 (2006.01) G01N 33/573 (2006.01) G02C 13/00 (2006.01)**
[25] EN
[54] **XYLANASES, NUCLEIC ACIDS ENCODING THEM AND METHODS FOR MAKING AND USING THEM**
[54] **XYLANASES, ACIDES NUCLEIQUES CODANT POUR ELLES ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION**
[72] WEINER, DAVID, US
[72] BLUM, DAVID, US
[72] VARVAK, ALEXANDER, US
[72] HEALEY, SHAUN, US
[72] CHANG, KRISTINE, US
[72] HAZLEWOOD, GEOFF, GB
[72] TODARO, THOMAS, US
[72] DESANTIS, GRACE, US
[72] CHANG, HWAI, US
[72] HANSEN, CONNIE JO, US
[72] BEAVER, SCOTT W., US
[72] WOODWARD, THOMAS, US
[72] HANCOCK, CHARLES, US
[73] BP CORPORATION NORTH AMERICA INC., US
[85] 2008-08-14
[86] 2007-02-14 (PCT/US2007/004429)
[87] (WO2007/095398)
[30] US (60/773,122) 2006-02-14

---

[11] **2,639,206**
[13] C
[51] **Int.Cl. F01D 9/02 (2006.01)**
[25] FR
[54] **STAGE OF VARIABLE PITCH VANES FOR A TURBOMACHINE**
[54] **ETAGE D'AUBES A CALAGE VARIABLE POUR UNE TURBOMACHINE**
[72] LEJARS, CLAUDE, FR
[72] STAESSEN, RICHARD, FR
[73] SNECMA, FR
[86] (2639206)
[87] (2639206)
[22] 2008-08-26
[30] FR (07/06075) 2007-08-30

---

[11] **2,641,768**
[13] C
[51] **Int.Cl. C10J 3/30 (2006.01) F23K 1/02 (2006.01)**
[25] EN
[54] **FUEL FEED SYSTEM FOR A GASIFIER AND METHOD OF GASIFICATION SYSTEM START-UP**
[54] **SYSTEME DE CHARGEMENT EN COMBUSTIBLE POUR REACTEUR DE GAZEIFICATION, ET METHODE DE MISE EN ROUTE**
[72] LEININGER, THOMAS FREDERICK, US
[72] AVAGLIANO, AARON JOHN, US
[72] STEVENSON, JOHN SAUNDERS, US
[72] WINTER, JOHN DUCKETT, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2641768)
[87] (2641768)
[22] 2008-10-23
[30] US (60/982,967) 2007-10-26
[30] US (12/209,711) 2008-09-12

---

[11] **2,643,881**
[13] C
[51] **Int.Cl. H04L 12/58 (2006.01) H04W 4/14 (2009.01) H04M 11/06 (2006.01)**
[25] EN
[54] **A METHOD AND A SYSTEM FOR THE DELIVERY OF SHORT MESSAGES**
[54] **METHODE ET SYSTEME DE DELIVRANCE DE MINIMESSAGES**
[72] JOHAN, ALEXANDR, CZ
[73] T-MOBILE INTERNATIONAL AG, DE
[86] (2643881)
[87] (2643881)
[22] 2008-11-14
[30] EP (07022166.8) 2007-11-15

---

[11] **2,643,923**
[13] C
[51] **Int.Cl. H01S 5/40 (2006.01) G02B 5/10 (2006.01) G02B 6/26 (2006.01) G02B 6/42 (2006.01) G02B 27/09 (2006.01) G02B 27/30 (2006.01)**
[25] EN
[54] **A HIGH POWER LASER DIODE ARRAY COMPRISING AT LEAST ONE HIGH POWER DIODE LASER AND LASER LIGHT SOURCE COMPRISING THE SAME**
[54] **RESEAU DE DIODES LASER A GRANDE PUISSANCE COMPRENANT AU MOINS UNE DIODE LASER A GRANDE PUISSANCE, ET SOURCE DE LUMIERE LASER INTEGRANT AU MOINS UNE DIODE LASER**
[72] REGAARD, BORIS, US
[72] SCHMIDT, THORSTEN, US
[72] HEINEMANN, STEFAN, US
[73] FRAUNHOFER USA, INC., US
[86] (2643923)
[87] (2643923)
[22] 2008-11-17
[30] US (60/988,577) 2007-11-16
[30] EP (08100714.8) 2008-01-21
[30] EP (08103278.1) 2008-03-31

---

[11] **2,646,614**
[13] C
[51] **Int.Cl. F16C 7/04 (2006.01) B61F 5/02 (2006.01)**
[25] FR
[54] **VOID BUSH FOR DRIVE ROD**
[54] **ARTICULATION ALVEOLEE NOTAMMENT POUR BIELLE D'ENTRAINEMENT**
[72] PIC, PIERRE, FR
[73] HUTCHINSON, FR
[86] (2646614)
[87] (2646614)
[22] 2008-12-15
[30] FR (07/08806) 2007-12-17

---

[11] **2,647,903**
[13] C
[51] **Int.Cl. A61K 31/00 (2006.01) A61K 31/40 (2006.01) A61K 31/41 (2006.01) A61K 31/4162 (2006.01) A61K 31/44 (2006.01) A61K 31/46 (2006.01) A61P 1/00 (2006.01) A61P 5/00 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **METHODS FOR THE PRODUCTION OF FUNCTIONAL PROTEIN FROM DNA HAVING A NONSENSE MUTATION AND THE TREATMENT OF DISORDERS ASSOCIATED THEREWITH**
[54] **METHODES DE PRODUCTION D'UNE PROTEINE FONCTIONNELLE A PARTIR D'UN ADN PRESENTANT UNE MUTATION NON-SENS ET TRAITEMENT DES TROUBLES ASSOCIES**
[72] ALMSTEAD, NEIL G., US
[72] CHEN, GUANGMING, US
[72] HIRAWAT, SAMIT, US
[72] HWANG, SEONGWOO, US
[72] KARP, GARY M., US
[72] MILLER, LANGDON, US
[72] MOON, YOUNG-CHOON, US
[72] REN, HONGYU, US
[72] TAKASUGI, JEMES J., US
[72] WELCH, ELLEN, M., US
[72] WILDE, RICHARD G., US
[72] KENNEDY, PAUL, US
[73] PTC THERAPEUTICS, INC., US
[85] 2008-09-29
[86] 2007-03-29 (PCT/US2007/008268)
[87] (WO2007/117438)
[30] US (60/787,333) 2006-03-30
[30] US (60/813,085) 2006-06-12

---

[11] **2,653,101**
[13] C
[51] **Int.Cl. C07K 14/47 (2006.01) A61K 9/127 (2006.01) A61K 9/14 (2006.01) A61K 38/16 (2006.01) A61K 38/17 (2006.01) A61K 38/42 (2006.01) A61P 9/00 (2006.01) C07K 14/195 (2006.01) C07K 14/435 (2006.01) C12N 15/12 (2006.01) C12N 15/31 (2006.01) C12P 21/02 (2006.01) A61K 33/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR THE DELIVERY OF NITRIC OXIDE**
[54] **PREPARATIONS ET METHODES POUR LA LIBERATION D'OXYDE NITRIQUE**
[72] CARY, STEPHEN P. L., US
[72] BOON, ELIZABETH M., US
[72] [illegible]INGER, JONATHAN A., US
[72] MARLETTA, MICHAEL A., US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2008-11-21
[86] 2007-05-21 (PCT/US2007/012133)
[87] (WO2007/139767)
[30] US (60/921,505) 2006-05-22

---

[11] **2,655,116**
[13] C
[51] **Int.Cl. C07K 14/78 (2006.01) A61K 8/64 (2006.01) A61K 38/07 (2006.01) A61P 17/02 (2006.01) A61Q 19/08 (2006.01) C07K 5/10 (2006.01) C07K 5/103 (2006.01) C07K 5/117 (2006.01)**
[25] EN
[54] **PEPTIDE FRAGMENTS FOR INDUCING SYNTHESIS OF EXTRACELLULAR MATRIX PROTEINS**
[54] **FRAGMENTS PEPTIDIQUES DESTINES A INDUIRE LA SYNTHESE DE PROTEINES MATRICIELLES EXTRACELLULAIRES**
[72] HARRIS, SCOTT M., US
[72] FALLA, TIMOTHY J., US
[72] ZHANG, LIJUAN, US
[73] HELIX BIOMEDIX INC., US
[85] 2008-12-04
[86] 2007-06-12 (PCT/US2007/013748)
[87] (WO2007/146269)
[30] US (60/813,284) 2006-06-13

---

[11] **2,656,395**
[13] C
[51] **Int.Cl. A61K 9/20 (2006.01) A61K 31/4418 (2006.01) A61K 31/444 (2006.01) A61K 31/5377 (2006.01)**
[25] EN
[54] **IMMEDIATE-RELEASE TABLET FORMULATIONS OF A THROMBIN RECEPTOR ANTAGONIST**
[54] **PREPARATIONS EN COMPRIME A LIBERATION IMMEDIATE D'UN ANTAGONISTE DES RECEPTEURS DE LA THROMBINE**
[72] GUPTA, RAJAN, US
[72] CHAWDRY, SULIMAN, US
[72] DUGGIRALA, SRINIVAS S., US
[73] ARALEZ PHARMACEUTICLAS TRADING DAC, IE
[85] 2008-12-29
[86] 2007-06-29 (PCT/US2007/015168)
[87] (WO2008/005353)
[30] US (60/817,821) 2006-06-30

---

[11] **2,658,607**
[13] C
[51] **Int.Cl. A61B 5/00 (2006.01) C12Q 1/00 (2006.01)**
[25] EN
[54] **ANALYTE SENSORS AND METHODS FOR MAKING AND USING THEM**
[54] **DETECTEURS D'ANALYTE ET PROCEDES DE FABRICATION ET D'UTILISATION**
[72] WANG, YUNBING, US
[72] HOSS, UDO, US
[72] SHAH, RAJIV, US
[72] WANG, JENN-HANN L., US
[72] VAN ANTWERP, WILLIAM P., US
[72] COCHRAN, BROOKS B., US
[73] MEDTRONIC MINIMED, INC., US
[85] 2009-01-22
[86] 2007-07-25 (PCT/US2007/016721)
[87] (WO2008/013849)
[30] US (11/492,273) 2006-07-25

[11] **2,659,267**
[13] C
[51] **Int.Cl. C12N 15/56 (2006.01) A61K 39/145 (2006.01) A61P 31/16 (2006.01) A61P 37/04 (2006.01) C07K 14/11 (2006.01) C07K 16/10 (2006.01) C07K 16/40 (2006.01) C12N 7/00 (2006.01) C12N 7/01 (2006.01) C12N 15/09 (2006.01) C12N 15/44 (2006.01)**
[25] EN
[54] **INFLUENZA HEMAGGLUTININ AND NEURAMINIDASE VARIANTS**
[54] **VARIANTS D'HEMAGGLUTININE ET DE NEURAMINIDASE DE LA GRIPPE**
[72] YANG, CHIN-FEN, US
[72] KEMBLE, GEORGE, US
[72] SUBBARAO, KANTA, US
[72] MURPHY, BRIAN, US
[73] MEDIMMUNE, LLC, US
[73] THE GOVERNMENT OF THE UNITED STATES OF AMERICA NATIONAL INSTITUTES OF HEALTH, US
[85] 2009-01-27
[86] 2007-08-09 (PCT/US2007/075585)
[87] (WO2008/021959)
[30] US (60/821,832) 2006-08-09
[30] US (60/942,804) 2007-06-08

---

[11] **2,664,429**
[13] C
[51] **Int.Cl. B41M 3/14 (2006.01) B42D 25/378 (2014.01) C09D 11/03 (2014.01) G07D 7/12 (2016.01)**
[25] EN
[54] **METHOD FOR THE UNIVOCAL MARKING OF MATERIALS, AND INK FOR CARRING OUT THE SAME**
[54] **PROCEDE ET ENCRE POUR MARQUAGE UNIVOQUE DE MATERIAUX**
[72] SELVA, CLAUDIO, IT
[73] SELVA, CLAUDIO, IT
[85] 2009-03-24
[86] 2007-11-16 (PCT/IT2007/000809)
[87] (WO2008/059552)
[30] IT (BI2006A000010) 2006-11-16
[30] IT (BI2006A000013) 2006-12-04
[30] IT (BI2007A000002) 2007-02-21

---

[11] **2,665,696**
[13] C
[51] **Int.Cl. H04N 5/06 (2006.01) H04N 21/242 (2011.01) H04N 7/52 (2011.01) H04N 9/64 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CALCULATING THE DELAY BETWEEN MEDIA SIGNALS**
[54] **SYSTEMES ET METHODES DE CALCUL DU RETARD ENTRE DES SIGNAUX MULTIMEDIAS**
[72] WEI, JEFF, CA
[73] EVERTZ MICROSYSTEMS LTD., CA
[86] (2665696)
[87] (2665696)
[22] 2009-05-07
[30] US (12/116,445) 2008-05-07

---

[11] **2,667,654**
[13] C
[51] **Int.Cl. A61K 31/4412 (2006.01)**
[25] EN
[54] **METHOD OF PROVIDING PIRFENIDONE THERAPY TO A PATIENT**
[54] **PROCEDE PERMETTANT D'ADMINISTRER UNE THERAPIE PAR LE PIRFENIDONE A UN PATIENT**
[72] BRADFORD, WILLIAMSON ZIEGLER, US
[73] INTERMUNE, INC., US
[85] 2009-04-27
[86] 2007-12-18 (PCT/US2007/087988)
[87] (WO2008/077068)
[30] US (60/870,593) 2006-12-18

---

[11] **2,668,541**
[13] C
[51] **Int.Cl. C10G 11/18 (2006.01) B01J 29/80 (2006.01) C07C 4/06 (2006.01) C10G 11/05 (2006.01) G05B 19/418 (2006.01) G05D 21/00 (2006.01)**
[25] EN
[54] **ADVANCED CONTROL OF SEVERE FLUID CATALYTIC CRACKING PROCESS FOR MAXIMIZING PROPYLENE PRODUCTION FROM PETROLEUM FEEDSTOCK**
[54] **COMMANDE AVANCEE DE PROCEDE DE CRAQUAGE CATALYTIQUE INTENSE DE FLUIDES DANS LE BUT DE MAXIMISER LA PRODUCTION DE PROPYLENE A PARTIR DE CHARGES D'ALIMENTATION DERIVEES DU PETROLE**
[72] KHAN, RASHID M., SA
[72] TAHA, OTHMAN A., SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2009-05-04
[86] 2007-11-07 (PCT/US2007/023405)
[87] (WO2008/057546)
[30] US (60/857,300) 2006-11-07

---

[11] **2,668,613**
[13] C
[51] **Int.Cl. A23L 33/21 (2016.01) A23L 29/00 (2016.01) A23L 29/30 (2016.01) A23L 33/10 (2016.01) A23L 33/115 (2016.01) A23L 33/125 (2016.01)**
[25] EN
[54] **FIBER CONTAINING COMPOSITIONS AND METHODS OF MAKING AND USING SAME**
[54] **COMPOSITIONS FIBREUSES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] WILLIAMS, KRISTIN RHEDRICK, US
[72] TSE, HING C., US
[72] ANNESS, DAREN K., US
[72] OVERLY, HARRY, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2009-05-05
[86] 2007-11-07 (PCT/US2007/023481)
[87] (WO2008/057571)
[30] US (11/593,694) 2006-11-07

[11] **2,674,959**
[13] C
[51] **Int.Cl. H01S 5/065 (2006.01) H01L 33/04 (2010.01) B82Y 20/00 (2011.01)**
[25] EN
[54] **MULTI-BAND MULTIWAVELENGH QUANTUM DOT MODE-LOCKED LASERS**
[54] **LASERS A VERROUILLAGE DE MODE DE POINT QUANTIQUE A LONGEURS D'ONDE MULTIPLES MULTIBANDES**
[72] LIU, JIAREN, CA
[72] LU, ZHENGUO, CA
[72] RAYMOND, SYLVAIN, CA
[72] POOLE, PHILIP, CA
[72] BARRIORS, PEDRO, CA
[72] POITRAS, DANIEL, CA
[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[86] (2674959)
[87] (2674959)
[22] 2009-06-25
[30] US (61/136,698) 2008-09-25

---

[11] **2,675,440**
[13] C
[51] **Int.Cl. H02B 1/26 (2006.01) E04F 17/08 (2006.01) E04H 12/00 (2006.01) H02B 1/30 (2006.01) H02G 9/00 (2006.01)**
[25] EN
[54] **SERVICE CABINET FOR USE WITH A UTILITY POLE**
[54] **ARMOIRE TECHNIQUE POUR D'ENTRETIEN POUR POTEAU DE LIGNE DE TRANSMISSION**
[72] FOURNIER, PAUL W., CA
[72] GEOFFROY, GUY, CA
[72] LEGAULT, JEAN-JACQUES, CA
[73] FOURNIER, PAUL W., CA
[85] 2009-07-14
[86] 2008-01-15 (PCT/CA2008/000081)
[87] (WO2008/086607)
[30] US (60/884,906) 2007-01-15

---

[11] **2,675,796**
[13] C
[51] **Int.Cl. A01B 49/06 (2006.01) A01B 39/18 (2006.01) A01B 39/20 (2006.01)**
[25] EN
[54] **UNIVERSAL SWEEP PLOW ATTACHMENT**
[54] **FIXATION UNIVERSELLE DE CHARRUE A SOCS BINEURS**
[72] HENRY, JIM, CA
[72] NEUDORF, BLAKE, CA
[72] WIEBE, DAVID, CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
[86] (2675796)
[87] (2675796)
[22] 2009-08-17
[30] US (12/371,293) 2009-02-13

---

[11] **2,676,004**
[13] C
[51] **Int.Cl. H01F 38/14 (2006.01) A61B 6/03 (2006.01) H01F 38/18 (2006.01) H05K 9/00 (2006.01)**
[25] EN
[54] **SHIELDED POWER COUPLING DEVICE**
[54] **DISPOSITIF DE COUPLAGE DE PUISSANCE BLINDE**
[72] DOBBS, JOHN M., US
[73] ANALOGIC CORPORATION, US
[85] 2009-07-20
[86] 2008-01-29 (PCT/US2008/052326)
[87] (WO2008/094919)
[30] US (11/699,529) 2007-01-29

---

[11] **2,677,515**
[13] C
[51] **Int.Cl. C12N 15/82 (2006.01) A01H 3/04 (2006.01) A01H 5/00 (2006.01) C12N 15/29 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING FLOWERING TIME OF PLANT**
[54] **METHODE DE CONTROLE DU MOMENT DE FLORAISON**
[72] SAIJO, TAKANORI, JP
[72] NAGASAWA, AKITSU, JP
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[86] (2677515)
[87] (2677515)
[22] 2009-09-02
[30] JP (2008-225711) 2008-09-03

---

[11] **2,678,181**
[13] C
[51] **Int.Cl. C07K 16/28 (2006.01) A01H 5/00 (2006.01) A01K 67/027 (2006.01) A61K 39/395 (2006.01) A61K 49/00 (2006.01) A61P 35/00 (2006.01) C12N 5/16 (2006.01) C12N 15/13 (2006.01) G01N 33/574 (2006.01) C07K 14/71 (2006.01)**
[25] EN
[54] **ANTIBODIES AGAINST ERBB3 AND USES THEREOF**
[54] **ANTICORPS CONTRE ERBB3 ET LEUR UTILISATION**
[72] SCHOEBERL, BIRGIT, US
[72] NIELSEN, ULRIK, US
[72] FELDHAUS, MICHAEL, US
[72] MURUGANANDAM, ARUMUGAM, IN
[72] BUCKLER, DAVID, US
[73] MERRIMACK PHARMACEUTICALS, INC., US
[85] 2009-08-13
[86] 2008-02-15 (PCT/US2008/002119)
[87] (WO2008/100624)
[30] US (60/901,904) 2007-02-16
[30] US (61/009,796) 2008-01-02

---

[11] **2,678,214**
[13] C
[51] **Int.Cl. B65G 1/04 (2006.01) B65G 49/00 (2006.01)**
[25] EN
[54] **CONVEYOR SYSTEM, STORAGE AND RETRIEVAL DEVICE AND LOGISTICS SYSTEM**
[54] **SYSTEME TRANSPORTEUR, DISPOSITIF D'ENTREPOSAGE ET DE RECUPERATION ET SYSTEME LOGISTIQUE**
[72] WINKLER, WALTER, DE
[73] WINKLER, WALTER, DE
[86] (2678214)
[87] (2678214)
[22] 2009-09-08
[30] DE (10 2008 041 927.3) 2008-09-09

[11] **2,680,987**
[13] C
[51] **Int.Cl. A61B 17/06 (2006.01)**
[25] EN
[54] **SUTURE PACKAGING**
[54] **CONDITIONNEMENT DE FIL DE SUTURE**
[72] KIRSCH, DAVID, US
[72] PEDROS, GUIDO, US
[73] TYCO HEALTHCARE GROUP LP, US
[86] (2680987)
[87] (2680987)
[22] 2009-09-30
[30] US (61/102,066) 2008-10-02
[30] US (12/567,884) 2009-09-28

---

[11] **2,681,796**
[13] C
[51] **Int.Cl. G08C 17/02 (2006.01) H04W 12/00 (2009.01) H04W 88/02 (2009.01) H04W 92/08 (2009.01) G06F 21/32 (2013.01)**
[25] EN
[54] **MULTIMEDIA DEVICE AND PROCESS FOR DATA TRANSMISSION IN A MULTIMEDIA DEVICE**
[54] **DISPOSITIF MULTIMEDIA ET PROCEDE DE TRANSMISSION DE DONNEES PAR UN DISPOSITIF MULTIMEDIA**
[72] MAIER, FERDINAND, AT
[73] FM MARKETING GMBH, AT
[85] 2009-09-23
[86] 2008-03-28 (PCT/EP2008/002494)
[87] (WO2008/119515)
[30] DE (10 2007 015 788.8) 2007-03-30

---

[11] **2,682,354**
[13] C
[51] **Int.Cl. C07D 209/42 (2006.01) A61K 31/404 (2006.01) A61K 31/405 (2006.01) A61P 35/00 (2006.01) C07D 403/04 (2006.01)**
[25] EN
[54] **7-NONSUBSTITUTED INDOLE MCL-1 INHIBITORS**
[54] **INHIBITEURS MCL-1 INDOLE 7-NON-SUBSTITUES**
[72] BRUNCKO, MILAN, US
[72] SONG, XIAOHONG, US
[72] DING, HONG, US
[72] TAO, ZHI-FU, US
[72] KUNZER, AARON R, US
[72] MADAR, DAVID, US
[72] SOUERS, ANDREW J., US
[72] ELMORE, STEVEN W., US
[72] PARK, CHEOL-MIN, KR
[72] WANG, XILU, US
[73] ABBVIE INC., US
[85] 2009-09-28
[86] 2008-04-16 (PCT/US2008/060427)
[87] (WO2008/130970)
[30] US (60/912,049) 2007-04-16
[30] US (60/949,683) 2007-07-13

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[11] **2,683,401**
[13] C
[51] **Int.Cl. F25D 11/00 (2006.01) F25B 21/02 (2006.01) F25D 17/00 (2006.01)**
[25] EN
[54] **PORTABLE THERMOELECTRIC COOLING/HEATING UNIT AND RELATED MERCHANDIZING SYSTEM**
[54] **APPAREIL PORTATIF DE REFROIDISSEMENT/CHAUFFAGE THERMOELECTRIQUE, ET SYSTEME DE MARCHANDISAGE CONNEXE**
[72] TUSZKIEWICZ, GEORGE A., US
[72] BEDARD, MARK, CA
[73] GENERAL MILLS, INC., US
[86] (2683401)
[87] (2683401)
[22] 2009-10-23
[30] US (12/269,622) 2008-11-12

---

[11] **2,683,456**
[13] C
[51] **Int.Cl. H02K 9/18 (2006.01)**
[25] EN
[54] **ARRANGEMENT FOR COOLING OF AN ELECTRICAL MACHINE**
[54] **MONTAGE DE REFROIDISSEMENT DE MACHINE ELECTRIQUE**
[72] BOOTH, JAMES KENNETH, DK
[72] ERIKSEN, UFFE, DK
[72] GUNDTOFT, SOEREN, DK
[72] NIELSEN, JACOB BLACH, DK
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[86] (2683456)
[87] (2683456)
[22] 2009-10-26
[30] EP (EP08018800) 2008-10-28

---

[11] **2,683,462**
[13] C
[51] **Int.Cl. H02K 9/02 (2006.01) H02K 1/12 (2006.01)**
[25] EN
[54] **ARRANGEMENT FOR COOLING OF AN ELECTRICAL MACHINE**
[54] **MONTAGE DE REFROIDISSEMENT DE MACHINE ELECTRIQUE**
[72] BOOTH, JAMES KENNETH, DK
[72] ERIKSEN, UFFE, DK
[72] GUNDTOFT, SOEREN, DK
[72] NIELSEN, JACOB BLACH, DK
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[86] (2683462)
[87] (2683462)
[22] 2009-10-26
[30] EP (EP08018803) 2008-10-28

[11] **2,684,051**
[13] C
[51] **Int.Cl. B60K 28/16 (2006.01) B60T 8/176 (2006.01) B66F 9/075 (2006.01) H02P 29/00 (2016.01)**
[25] EN
[54] **INDUSTRIAL TRUCK COMPRISING A SYSTEM FOR DETECTING SPINNING OR LOCKING OF THE DRIVE WHEEL**
[54] **CHARIOT DE MANUTENTION COMPRENANT UN SYSTEME DE DETECTION DU PATINAGE OU DE BLOCAGE DES ROUES MOTRICES**
[72] ARNSBY, MATTIAS, SE
[73] BT PRODUCTS AB, SE
[86] (2684051)
[87] (2684051)
[22] 2009-10-27
[30] EP (08168033.2) 2008-10-31

---

[11] **2,684,095**
[13] C
[51] **Int.Cl. G01N 33/48 (2006.01) B01L 3/00 (2006.01) G01N 33/52 (2006.01) G01N 33/58 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR DETECTING ANALYTES**
[54] **DISPOSITIFS ET PROCEDES DE DETECTION D'ANALYTES**
[72] KAISER, THOMAS, DE
[72] MOEBIUS, KLAUS-PETER, DE
[72] SCHULZ, TORSTEN, DE
[72] UHLIG, THOMAS, DE
[72] VON SCHENK ZU SCHWEINSBERG, ALEXANDER, DE
[72] ERMANTRAUT, EUGEN, DE
[72] TUCHSCHEERER, JENS, DE
[73] CLONDIAG GMBH, DE
[85] 2009-10-15
[86] 2008-05-05 (PCT/EP2008/055508)
[87] (WO2008/135564)
[30] US (60/915,884) 2007-05-03
[30] US (61/036,537) 2008-03-14

---

[11] **2,684,217**
[13] C
[51] **Int.Cl. G01N 33/48 (2006.01)**
[25] EN
[54] **COMPARATIVE SEQUENCE ANALYSIS PROCESSES AND SYSTEMS**
[54] **PROCEDES ET SYSTEMES D'ANALYSE DE SEQUENCE COMPARATIVE**
[72] CHEN, YONG QING, US
[72] HONISCH, CHRISTIANE, US
[72] VAN DEN BOOM, DIRK J., US
[73] AGENA BIOSCIENCE, INC., US
[85] 2009-10-09
[86] 2008-04-11 (PCT/US2008/060125)
[87] (WO2008/128111)
[30] US (60/911,845) 2007-04-13

---

[11] **2,684,955**
[13] C
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 21/10 (2013.01) G06F 21/30 (2013.01) G06F 17/24 (2006.01) G09B 5/00 (2006.01)**
[25] EN
[54] **PROVIDING ANNOTATIONS OF A DIGITAL WORK**
[54] **FOURNITURE D'ANNOTATIONS D'UN TRAVAIL NUMERIQUE**
[72] SIEGEL, HILLIARD B., US
[72] RYAN, THOMAS A., US
[72] GOODWIN, ROBERT L., US
[72] LATTYAK, JOHN, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2009-09-18
[86] 2008-03-21 (PCT/US2008/057829)
[87] (WO2008/121586)
[30] US (11/693,682) 2007-03-29

---

[11] **2,685,169**
[13] C
[51] **Int.Cl. H01J 49/42 (2006.01)**
[25] EN
[54] **DIFFERENTIAL MOBILITY SPECTROMETER PRE-FILTER ASSEMBLY FOR A MASS SPECTROMETER**
[54] **ENSEMBLE DE PRE-FILTRE DE SPECTROMETRE A MOBILITE DIFFERENTIELLE POUR UN SPECTROMETRE DE MASSE**
[72] MILLER, RAANAN A., US
[72] NAZAROV, ERKINJON G., US
[73] DH TECHNOLOGIES DEVELOPMENT PTE. LTD., SG
[85] 2009-10-27
[86] 2008-01-31 (PCT/US2008/001415)
[87] (WO2008/094704)
[30] US (60/899,049) 2007-02-01

---

[11] **2,685,405**
[13] C
[51] **Int.Cl. C12N 9/16 (2006.01) A61K 38/00 (2006.01) C12N 15/52 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **MODIFIED PHOSPHATASES**
[54] **PHOSPHATASES MODIFIEES**
[72] VELDERS, MARKWIN PAUL, NL
[72] JONK, LUIGI JOHANNES CORNELIUS, NL
[72] RAABEN, WILLEM, NL
[72] WULFERINK, MARTY BERNARDUS FRANSISCUS, NL
[73] AM-PHARMA B.V., NL
[85] 2009-10-27
[86] 2008-04-25 (PCT/NL2008/050249)
[87] (WO2008/133511)
[30] EP (07107176.5) 2007-04-27
[30] US (60/926,695) 2007-04-27

[11] **2,685,840**
[13] C
[51] **Int.Cl. C40B 40/06 (2006.01) A61K 31/7088 (2006.01) A61K 48/00 (2006.01) C12Q 1/68 (2006.01) C40B 30/04 (2006.01) C12N 15/11 (2006.01)**
[25] EN
[54] **METHODS FOR DIFFERENTIATING PANCREATIC CANCER FROM NORMAL PANCREATIC FUNCTION AND/OR CHRONIC PANCREATITIS**
[54] **PROCEDE DE DIFFERENCIATION ENTRE LE CANCER DU PANCREAS ET UNE FONCTION PANCREATIQUE NORMALE ET/OU LA PANCREATITE CHRONIQUE**
[72] CROCE, CARLO M., US
[73] THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION, US
[85] 2009-10-30
[86] 2008-04-29 (PCT/US2008/005503)
[87] (WO2008/136971)
[30] US (60/926,933) 2007-04-30

[11] **2,685,914**
[13] C
[51] **Int.Cl. B65D 6/00 (2006.01) B27H 3/00 (2006.01) B27H 5/00 (2006.01) B65D 6/34 (2006.01)**
[25] EN
[54] **IMPROVED WOODEN VAT**
[54] **CUVE EN BOIS AMELIOREE**
[72] CHALUFOUR, ANNE MARIE, ES
[73] ALCOHOLES DE TOMELLOSO, S.A., ES
[86] (2685914)
[87] (2685914)
[22] 2009-11-12
[30] ES (P200803233) 2008-11-12

[11] **2,686,112**
[13] C
[51] **Int.Cl. C09K 8/512 (2006.01) C04B 41/46 (2006.01) C09K 8/44 (2006.01) E21B 33/138 (2006.01) C09D 163/04 (2006.01)**
[25] EN
[54] **AQUEOUS RESIN COMPOSITIONS AND METHODS FOR CEMENT REPAIR**
[54] **COMPOSITIONS AQUEUSES DE RESINE ET METHODES DE REPARATION DE CIMENT**
[72] CARELLI, CLARA, FR
[72] LE ROY-DELAGE, SYLVAINE, FR
[73] SCHLUMBERGER CANADA LIMITED, CA
[86] (2686112)
[87] (2686112)
[22] 2009-11-19
[30] EP (08170062.7) 2008-11-27

[11] **2,688,932**
[13] C
[51] **Int.Cl. F41C 23/02 (2006.01) F41C 33/00 (2006.01)**
[25] EN
[54] **RIFLE END PLATE SLING ADAPTER AND METHOD**
[54] **ADAPTATEUR DE BRETELLE POUR PLAQUETTE D'EXTREMITE DE CARABINE**
[72] ROGERS, WILLIAM H., US
[72] RADNEY, JAMES H., US
[73] ROGERS HOLSTER CO., LLC, US
[86] (2688932)
[87] (2688932)
[22] 2009-12-21
[30] US (61/203,795) 2008-12-29

[11] **2,689,460**
[13] C
[51] **Int.Cl. H01B 7/288 (2006.01) H01B 7/17 (2006.01) H01B 13/26 (2006.01) H01B 3/22 (2006.01)**
[25] EN
[54] **SWELLABLE TAPES AND YARNS TO REPLACE STRAND FILLING COMPOUNDS**
[54] **RUBANS ET FILS DON'T LA DILATION PERMET DE REMPLACER LES PRODUITS DE REMPLISSAGE DES TORONS**
[72] KOSEK, MARK, CA
[72] SZILAGYI, RANDY, CA
[72] WIERSTRA, SIDNEY, CA
[73] NEXANS, FR
[86] (2689460)
[87] (2689460)
[22] 2009-12-30
[30] US (12/319.545) 2009-01-08

[11] **2,690,727**
[13] C
[51] **Int.Cl. C10G 55/06 (2006.01) B01J 8/18 (2006.01) C10C 1/18 (2006.01)**
[25] EN
[54] **BITUMEN UPGRADING USING SUPERCRITICAL FLUIDS**
[54] **VALORISATION DE BITUME A L'AIDE DE FLUIDES SUPERCRITIQUES**
[72] BROUGH, SARAH ANN, CA
[72] MCGRADY, GERALD SEAN, CA
[72] WILLSON, CHRISTOPHER, CA
[73] HSM SYSTEMS, INC., CA
[73] UNIVERSITY OF NEW BRUNSWICK, CA
[85] 2009-12-09
[86] 2008-06-11 (PCT/US2008/066545)
[87] (WO2008/154576)
[30] US (60/943,173) 2007-06-11

[11] **2,690,830**
[13] C
[51] **Int.Cl. F16L 55/11 (2006.01) F16L 21/00 (2006.01)**
[25] EN
[54] **EXTERNALLY ENGAGING TEST BARRIER**
[54] **BARRIERE D'ESSAI S'ENGAGEANT DE L'EXTERIEUR**
[72] COSCARELLA, GABE, CA
[73] COSCARELLA, GABE, CA
[86] (2690830)
[87] (2690830)
[22] 2010-01-25

[11] **2,691,085**
[13] C
[51] **Int.Cl. H04N 21/6587 (2011.01) H04N 21/25 (2011.01) H04N 21/472 (2011.01)**
[25] EN
[54] **METHOD AND ARRANGEMENT FOR IMPROVED MEDIA SESSION MANAGEMENT**
[54] **PROCEDE ET AGENCEMENT POUR UNE GESTION DE SESSION MULTIMEDIA AMELIOREE**
[72] EINARSSON, TORBJORN, SE
[72] PRIDDLE, CLINTON, SE
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2009-12-18
[86] 2007-08-09 (PCT/SE2007/000719)
[87] (WO2008/156390)
[30] US (60/929,289) 2007-06-20

---

[11] **2,691,151**
[13] C
[51] **Int.Cl. C02F 1/00 (2006.01) B01D 61/14 (2006.01) C10G 1/04 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCED WATER TREATMENT, METHOD OF WATER REUSE, AND SYSTEMS FOR THESE METHODS**
[54] **PROCEDE DE TRAITEMENT DE L'EAU PRODUITE PAR CRAQUAGE, METHODE DE REUTILISATION DE L'EAU ET SYSTEMES CONNEXES**
[72] IKEBE, HIROAKI, JP
[72] YOKOHATA, HIROSHI, JP
[72] SAKURAI, MASAAKI, JP
[72] MORITA, TORU, JP
[73] TOYO ENGINEERING CORPORATION, JP
[73] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[86] (2691151)
[87] (2691151)
[22] 2010-01-26
[30] JP (2009-101765) 2009-04-20

---

[11] **2,693,121**
[13] C
[51] **Int.Cl. E05C 19/00 (2006.01) E05G 1/04 (2006.01) G07F 19/00 (2006.01)**
[25] EN
[54] **SECURITY ASSEMBLY AND METHOD OF CONTROLLING A SECURITY ASSEMBLY**
[54] **ENSEMBLE DE SECURITE ET PROCEDE DE COMMANDE D'UN ENSEMBLE DE SECURITE**
[72] TODD, ROBERT EDMUND, GB
[73] CEDARDELL LIMITED, GB
[85] 2009-11-30
[86] 2008-05-20 (PCT/GB2008/001725)
[87] (WO2008/145961)
[30] GB (0710395.5) 2007-06-01

---

[11] **2,695,570**
[13] C
[51] **Int.Cl. A61M 16/12 (2006.01) A61M 16/06 (2006.01)**
[25] FR
[54] **BREATHING ASSISTANCE DEVICE**
[54] **DISPOSITIF D'ASSISTANCE RESPIRATOIRE**
[72] BOUSSIGNAC, GEORGES, FR
[73] BOUSSIGNAC, GEORGES, FR
[86] (2695570)
[87] (2695570)
[22] 2010-03-08
[30] FR (09 01 122) 2009-03-11
[30] FR (09 04 364) 2009-09-14

---

[11] **2,697,584**
[13] C
[51] **Int.Cl. H04L 12/701 (2013.01) H04L 12/927 (2013.01) H04L 12/46 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **SUBSCRIBER ACCESS NETWORK ARCHITECTURE**
[54] **ARCHITECTURE DE RESEAU D'ACCES D'ABONNE**
[72] SALINGER, JORGE, US
[72] CHERNAK, SAM, US
[72] BASTIAN, CHRIS, US
[72] URBAN, DAVID, US
[72] SAXENA, VIK, US
[73] COMCAST CABLE COMMUNICATIONS, LLC, US
[86] (2697584)
[87] (2697584)
[22] 2010-03-23
[30] US (12/415,594) 2009-03-31

---

[11] **2,697,690**
[13] C
[51] **Int.Cl. B65G 47/31 (2006.01)**
[25] EN
[54] **HIGH SPEED BOARD FEEDER**
[54] **AVANCE-PLANCHE A GRANDE VITESSE**
[72] RAYBON, CHRIS, US
[72] KENNEDY, RUSSELL, US
[72] CONRY, PAT, US
[73] BAXLEY EQUIPMENT CO., US
[86] (2697690)
[87] (2697690)
[22] 2010-03-24
[30] US (61/174,716) 2009-05-01
[30] US (12/729,311) 2010-03-23

---

[11] **2,697,699**
[13] C
[51] **Int.Cl. F26B 5/06 (2006.01)**
[25] EN
[54] **DEVICE FOR CONTROLLING THE TEMPERATURE OF PRODUCTS TO BE FROZEN**
[54] **DISPOSITIF DE REGULATION THERMIQUE DE PRODUITS A LYOPHILISER**
[72] BOEBST, BENJAMIN, DE
[72] BOETTGER, FRANK, DE
[73] ARZNEIMITTEL GMBH APOTHEKER VETTER & CO. RAVENSBURG, DE
[85] 2010-02-24
[86] 2008-08-09 (PCT/EP2008/006591)
[87] (WO2009/030341)
[30] DE (10 2007 040 489.3) 2007-08-28

---

[11] **2,698,017**
[13] C
[51] **Int.Cl. A61F 2/46 (2006.01) A61B 17/56 (2006.01) A61L 27/12 (2006.01)**
[25] EN
[54] **BONE CEMENT MIXING AND DELIVERY SYSTEM AND METHODS OF USE THEREOF**
[54] **SYSTEME DE MELANGE ET D'ADMINISTRATION DE CIMENT OSSEUX ET SES PROCEDES D'UTILISATION**
[72] PALAZZOLO, ROBERT, US
[72] SUTARIA, MANISH, US
[72] TOFIGHI, ALIASSGHAR N., US
[72] CHANG, TAK L., US
[72] ROSENBERG, ARON D., US
[73] ETEX CORPORATION, US
[85] 2010-02-25
[86] 2008-08-28 (PCT/US2008/010214)
[87] (WO2009/032173)
[30] US (60/966,579) 2007-08-29

[11] **2,698,178**
[13] C
[51] **Int.Cl. B65G 1/14 (2006.01) B65G 1/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ORDER PICKING**
[54] **SYSTEME ET METHODE POUR PREPARATION DE COMMANDE**
[72] WINKLER, WALTER, DE
[73] WINKLER, WALTER, DE
[86] (2698178)
[87] (2698178)
[22] 2010-03-31
[30] DE (10 2009 002 110.8) 2009-04-01
[30] DE (10 2010 015 935.2) 2010-03-11

---

[11] **2,699,024**
[13] C
[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/002 (2006.01) A61K 39/08 (2006.01) A61K 39/108 (2006.01) A61K 39/15 (2006.01) A61P 1/12 (2006.01)**
[25] EN
[54] **METHODS OF IMMUNIZING PREGNANT HEIFERS AT THREE MONTHS OF GESTATION**
[54] **METHODES D'IMMUNISATION DES GENISSES ADOLESCENTES PLEINES A TROIS MOIS DE GESTATION**
[72] WASMOEN, TERRI L., US
[72] JAYAPPA, HUCHAPPA, US
[72] DAVIS, RANDALL GENE, US
[72] PETERS, CATHERINE M., US
[73] INTERVET INTERNATIONAL B.V., NL
[85] 2010-04-14
[86] 2009-11-06 (PCT/US2009/063467)
[87] (WO2011/056175)

---

[11] **2,699,285**
[13] C
[51] **Int.Cl. C07D 409/14 (2006.01) A61K 31/4436 (2006.01) A61P 3/00 (2006.01) C07D 409/10 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF COMPOUNDS USEFUL AS INHIBITORS OF SODIUM-DEPENDENT GLUCOSE TRANSPORTER (SGLT)**
[54] **PROCEDE POUR LA PREPARATION DE COMPOSES UTILES EN TANT QU'INHIBITEURS DE TRANSPORTEUR DU GLUCOSE DEPENDANT DU SODIUM**
[72] ABDEL-MAGID, AHMED F., US
[72] CHISHOLM, MAUREEN, US
[72] MEHRMAN, STEVEN, US
[72] SCOTT, LORRAINE, US
[72] WELLS, KENNETH M., US
[72] ZHANG-PLASKET, FAN, US
[72] NOMURA, SUMIHIRO, JP
[72] HONGU, MITSUYA, JP
[72] KOGA, YUICHI, JP
[73] MITSUBISHI TANABE PHARMA CORPORATION, JP
[73] JANSSEN PHARMACEUTICA N.V., BE
[85] 2010-03-10
[86] 2008-09-09 (PCT/US2008/075700)
[87] (WO2009/035969)
[30] US (60/971,067) 2007-09-10
[30] US (61/018,822) 2008-01-03

---

[11] **2,700,702**
[13] C
[51] **Int.Cl. E03C 1/298 (2006.01) E03C 1/264 (2006.01)**
[25] EN
[54] **IMPROVED URINAL APPARATUS**
[54] **DISPOSITIF AMELIORE POUR URINOIR**
[72] MCALPINE, JAMES EDWARD, GB
[73] MCALPINE & COMPANY LIMITED, GB
[85] 2010-03-25
[86] 2008-09-25 (PCT/GB2008/003238)
[87] (WO2009/040524)
[30] GB (0718708.1) 2007-09-25
[30] GB (0725125.9) 2007-12-22

---

[11] **2,700,981**
[13] C
[51] **Int.Cl. C12N 15/29 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12N 15/11 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **PLANTS HAVING INCREASED BIOMASS**
[54] **PLANTES AYANT UNE BIOMASSE ACCRUE**
[72] WAN, JIANGXIN, CA
[72] HUANG, YAFAN, CA
[72] ZHANG, ZHIYONG, CA
[73] PERFORMANCE PLANTS, INC., CA
[85] 2010-03-24
[86] 2008-09-24 (PCT/IB2008/002931)
[87] (WO2009/040665)
[30] US (60/974,623) 2007-09-24

---

[11] **2,700,996**
[13] C
[51] **Int.Cl. G01J 3/12 (2006.01) A61B 5/1455 (2006.01) G01J 3/18 (2006.01) G01J 3/26 (2006.01) G01J 3/28 (2006.01) G01J 3/10 (2006.01)**
[25] EN
[54] **OPTICAL DEVICE COMPONENTS**
[54] **COMPOSANTS DE DISPOSITIF OPTIQUE**
[72] XU, ZHI, US
[73] ST. LOUIS MEDICAL DEVICES, INC., US
[85] 2010-03-26
[86] 2008-10-03 (PCT/US2008/011438)
[87] (WO2009/045492)
[30] US (60/977,467) 2007-10-04

---

[11] **2,701,727**
[13] C
[51] **Int.Cl. A61K 39/245 (2006.01) A61P 31/22 (2006.01)**
[25] EN
[54] **CYTOMEGALOVIRUS VACCINES AND METHODS OF PRODUCTION**
[54] **VACCINS CONTRE LE CYTOMEGALOVIRUS ET PROCEDES DE PRODUCTION**
[72] SHENK, THOMAS, US
[72] WANG, DAI, US
[73] THE TRUSTEES OF PRINCETON UNIVERSITY, US
[85] 2010-04-01
[86] 2008-10-10 (PCT/US2008/079494)
[87] (WO2009/049138)
[30] US (60/998,426) 2007-10-10

[11] **2,701,986**
[13] C
[51] **Int.Cl. C08G 18/08 (2006.01) B32B 27/40 (2006.01) C08G 18/10 (2006.01) C08G 18/20 (2006.01) C08J 5/24 (2006.01)**
[25] EN
[54] **POLYURETHANE LAMINATION RESIN, LAMINATE CONTAINING THE POLYURETHANE LAMINATION RESIN, AND SKIS OR SNOWBOARDS CONTAINING THE LAMINATE**
[54] **RESINE POLYURETHANE DE STRATIFICATION, STRATIFIE CONTENANT LA RESINE POLYURETHANE DE STRATIFICATION ET SKIS OU SNOWBOARDS CONTENANT LE STRATIFIE**
[72] REESE, HANS-JUERGEN, DE
[72] NEUHAUS, BERT, DE
[72] HOLL, SILVIO, DE
[72] TAENNY, GUENTER, DE
[73] BASF SE, DE
[85] 2010-04-08
[86] 2008-10-22 (PCT/EP2008/064293)
[87] (WO2009/053394)
[30] EP (07119420.3) 2007-10-26

---

[11] **2,702,335**
[13] C
[51] **Int.Cl. A61L 27/26 (2006.01) A61F 2/00 (2006.01) A61K 45/00 (2006.01)**
[25] EN
[54] **MICROSPHERE-BASED MATERIALS WITH PREDEFINED 3D SPATIAL AND TEMPORAL CONTROL OF BIOMATERIALS, POROSITY AND/OR BIOACTIVE SIGNALS**
[54] **MATERIAUX A BASE DE MICROSPHERES DOTES D'UNE REGULATION SPATIALE 3D ET TEMPORELLE DE BIOMATERIAUX, DE POROSITE OU DE SIGNAUX BIOACTIFS**
[72] DETAMORE, MICHAEL, US
[72] SINGH, MILLIND, US
[72] SCURTO, AARON M., US
[72] BERKLAND, CORY, US
[73] UNIVERSITY OF KANSAS, US
[85] 2010-04-09
[86] 2008-10-10 (PCT/US2008/079611)
[87] (WO2009/049230)
[30] US (60/978,931) 2007-10-10
[30] GB (12/248,530) 2008-10-09

---

[11] **2,702,573**
[13] C
[51] **Int.Cl. A61K 9/00 (2006.01) A61F 2/82 (2013.01) A61L 31/16 (2006.01) A61M 31/00 (2006.01)**
[25] EN
[54] **A DRUG DELIVERY DEVICE HAVING MULTIPLE DRUG COMPOSITIONS IN DIFFERENT SETS OF OPENINGS**
[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENT COMPORTANT DE MULTIPLES COMPOSITIONS MEDICAMENTEUSES EN DIFFERENTS JEUX D'OUVERTURES**
[72] DAVE, VIPUL BHUPENDRA, US
[72] FALOTICO, ROBERT, US
[72] LI, CHENGXUE, US
[72] NGUYEN, THAI, US
[72] PARKER, THEODORE L., US
[72] ZHAO, JONATHON Z., US
[73] CARDINAL HEALTH SWITZERLAND 515 GMBH, CH
[86] (2702573)
[87] (2702573)
[22] 2010-04-28
[30] US (12/433,082) 2009-04-30

---

[11] **2,702,803**
[13] C
[51] **Int.Cl. G06K 17/00 (2006.01) G07F 19/00 (2006.01)**
[25] EN
[54] **SMART WALLET**
[54] **PORTEFEUILLE A PUCE**
[72] CABOULI, STEVEN D., US
[73] CABOULI, STEVEN D., US
[85] 2010-04-16
[86] 2008-05-21 (PCT/US2008/064413)
[87] (WO2009/035728)
[30] US (60/972,608) 2007-09-14

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[11] **2,703,130**
[13] C
[51] **Int.Cl. A61K 36/28 (2006.01)**
[25] EN
[54] **EXTRACTS OF ASTER KORAIENSIS, AND PHARMACEUTICAL COMPOSITION AND FUNCTIONAL FOOD COMPRISING THE SAME**
[54] **EXTRAITS DE ASTER KORAIENSIS ET COMPOSITION PHARMACEUTIQUE ET ALIMENT FONCTIONNEL LES CONTENANT**
[72] KIM, JIN SOOK, KR
[72] JANG, DAE SIK, KR
[72] LEE, YUN MI, KR
[72] KIM, JONG MIN, KR
[72] KIM, YOUNG SOOK, KR
[72] SHON, EUN JIN, KR
[72] KIM, CHAN SIK, KR
[72] KIM, JUNG HYUN, KR
[72] KIM, OHN SOON, KR
[72] JUNG, DONG HO, KR
[72] KIM, JOO HWAN, KR
[73] KOREA INSTITUTE OF ORIENTAL MEDICINE, KR
[85] 2010-04-20
[86] 2008-03-07 (PCT/KR2008/001292)
[87] (WO2008/111763)
[30] KR (10-2007-0023690) 2007-03-09

---

[11] **2,704,000**
[13] C
[51] **Int.Cl. A61K 31/47 (2006.01) A61K 31/194 (2006.01) A61K 31/282 (2006.01) A61K 33/24 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMBINATION OF ANTI-ANGIOGENIC SUBSTANCE AND ANTI-TUMOR PLATINUM COMPLEX**
[54] **COMBINAISON D'UNE SUBSTANCE ANTIANGIOGENIQUE ET D'UN COMPLEXE DE PLATINE ANTITUMORAL**
[72] YAMAMOTO, YUJI, JP
[73] EISAI R&D MANAGEMENT CO., LTD., JP
[85] 2010-04-27
[86] 2008-11-07 (PCT/JP2008/070321)
[87] (WO2009/060945)
[30] US (60/986,641) 2007-11-09

[11] **2,704,328**
[13] C
[51] **Int.Cl. A01B 69/06 (2006.01)**
[25] EN
[54] **STEERABLE AGRICULTURAL IMPLEMENT WITH ADAPTABLE WHEEL SPACING**
[54] **INSTRUMENT ARATOIRE ORIENTABLE AVEC EMPATTEMENT ADAPTATIF**
[72] CONNORS, MICHAEL J., US
[72] ANDERSON, BRIAN J., US
[72] PRICKEL, MARVIN A., US
[73] CNH INDUSTRIAL AMERICA LLC, US
[86] (2704328)
[87] (2704328)
[22] 2010-05-17
[30] US (12/608,375) 2009-10-29

---

[11] **2,704,640**
[13] C
[51] **Int.Cl. C07H 17/04 (2006.01) A61K 31/7048 (2006.01) A61K 36/63 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **EXTRACT OF FRAXINUS EXCELSIOR SEEDS AND THERAPEUTIC APPLICATIONS THEREFOR**
[54] **EXTRAIT DE GRAINES DE FRAXINUS EXCELSIOR ET APPLICATIONS THERAPEUTIQUES DE CELUI-CI**
[72] HE, KAN, US
[72] ROLLER, MARC, FR
[72] BILY, ANTOINE, FR
[72] IBARRA, ALVIN, US
[72] BAI, NAISHENG, US
[72] DIKANSKY, JACQUES, FR
[73] NATUREX S.A., FR
[85] 2010-05-04
[86] 2008-11-05 (PCT/US2008/082524)
[87] (WO2009/061849)
[30] US (60/985,558) 2007-11-05
[30] US (12/185,649) 2008-08-04

---

[11] **2,704,808**
[13] C
[51] **Int.Cl. F16D 55/2265 (2006.01) F16D 55/00 (2006.01) F16D 65/00 (2006.01) F16F 1/38 (2006.01)**
[25] EN
[54] **DISK BRAKE FOR A UTILITY VEHICLE**
[54] **FREIN A DISQUE POUR VEHICULE UTILITAIRE**
[72] FISCHER, RUDOLF, DE
[72] RAFFIN, CHRISTIAN, DE
[72] PESCHEL, MICHAEL, DE
[72] ORGLER, FLORIAN, DE
[73] KNORR-BREMSE SYSTEME FUER NUTZFAHRZEUGE GMBH, DE
[85] 2010-05-03
[86] 2008-11-06 (PCT/EP2008/009366)
[87] (WO2009/059762)
[30] DE (10 2007 053 902.0) 2007-11-09

---

[11] **2,705,819**
[13] C
[51] **Int.Cl. C25B 1/26 (2006.01) C25B 11/04 (2006.01) C25C 7/02 (2006.01)**
[25] EN
[54] **AN ELECTRODE SUBSTRATE COMPOSITION**
[54] **COMPOSITION DE SUBSTRAT D'ELECTRODE**
[72] ROSVALL, MAGNUS, SE
[72] EDVINSSON-ALBERS, ROLF, SE
[72] HEDENSTEDT, KRISTOFFER, SE
[73] AKZO NOBEL N.V., NL
[85] 2010-05-14
[86] 2008-11-14 (PCT/EP2008/065515)
[87] (WO2009/063031)
[30] EP (07120923.3) 2007-11-16
[30] US (60/988,527) 2007-11-16

---

[11] **2,707,180**
[13] C
[51] **Int.Cl. C05B 17/00 (2006.01) C01B 25/26 (2006.01) C05D 1/00 (2006.01)**
[25] EN
[54] **PREPARATION OF A POTASSIUM PHOSPHATE BASED COMPOSITION**
[54] **PREPARATION D'UNE COMPOSITION A BASE DE PHOSPHATE DE POTASSIUM**
[72] JOSEF, ALEXANDER, IL
[72] ZUKERMAN, ITSHAK, IL
[73] ROTEM AMFERT NEGEV LTD., IL
[85] 2010-05-28
[86] 2008-11-13 (PCT/IL2008/001498)
[87] (WO2009/072106)
[30] IL (187829) 2007-12-03

---

[11] **2,709,126**
[13] C
[51] **Int.Cl. C07D 473/18 (2006.01) A61K 31/5377 (2006.01) A61P 11/00 (2006.01) A61P 11/06 (2006.01) A61P 17/00 (2006.01) A61P 31/12 (2006.01) A61P 31/18 (2006.01) A61P 35/00 (2006.01) A61P 37/02 (2006.01) A61P 37/08 (2006.01)**
[25] EN
[54] **PHARMACEUTICALLY ACCEPTABLE SALTS OF METHYL (3-{ [[3-(6-AMINO-2-BUTOXY-8-OXO-7, 8-DIHYDRO-9H-PURIN-9-YL) PROPYL] (3-MORPHOLIN-4-YLPROPYL) AMINO]METHYL}PHENYL) ACETATE AND THEIR USE IN THERAPY**
[54] **SELS PHARMACEUTIQUEMENT ACCEPTABLES DU (3-{[[3-(6-AMINO-2-BUTOXY-8-OXO-7,8-DIHYDRO-9H-PURIN-9-YL)PROPYL](3-MORPHOLIN-4-YLPROPYL)AMINO]METHYL}PHENYL)ACETATE DE METHYLE ET LEUR UTILISATION EN THERAPIE**
[72] MCINALLY, THOMAS, GB
[72] SCHULZ, HAEKAN, SE
[73] ASTRAZENECA AB, SE
[73] SUMITOMO DAINIPPON PHARMA CO., LTD., JP
[85] 2010-06-11
[86] 2008-12-16 (PCT/SE2008/051465)
[87] (WO2009/078798)
[30] US (61/014,164) 2007-12-17

[11] **2,709,257**
[13] C
[51] **Int.Cl. C07D 471/04 (2006.01)**
[25] EN
[54] **PYRIDO[2,3-B]PYRAZINE-8-SUBSTITUTED COMPOUNDS AND THEIR USE**
[54] **COMPOSES PYRIDO[2,3-B]PYRAZINE SUBSTITUES EN POSITION 8 ET LEUR UTILISATION**
[72] SPRINGER, CAROLINE JOY, GB
[72] NICULESCU-DUVAZ, DAN, GB
[72] NICULESCU-DUVAZ, ION, GB
[72] MARAIS, RICHARD, GB
[72] SUIJKERBUIJK, BARTHOLOMEUS MARINUS JOSEPHUS MARIE, GB
[72] ZAMBON, ALFONSO, GB
[72] NOURRY, ARNAUD, FR
[72] MENARD, DELPHINE, GB
[73] CANCER RESEARCH TECHNOLOGY LIMITED, GB
[73] INSTITUTE OF CANCER RESEARCH: ROYAL CANCER HOSPITAL (THE), GB
[85] 2010-06-14
[86] 2008-12-19 (PCT/GB2008/004208)
[87] (WO2009/077766)
[30] US (61/015,019) 2007-12-19

---

[11] **2,709,525**
[13] C
[51] **Int.Cl. A61M 1/00 (2006.01)**
[25] EN
[54] **SUCTION CONTROL FOR PHACOEMULSIFICATION ASPIRATION SYSTEM**
[54] **COMMANDE DE SUCCION POUR SYSTEME D'ASPIRATION DE PHACOEMULSIFICATION**
[72] GORDON, RAPHAEL, US
[72] MORGAN, MICHAEL D., US
[73] ALCON RESEARCH, LTD., US
[85] 2010-06-15
[86] 2009-01-08 (PCT/US2009/030392)
[87] (WO2009/089319)
[30] US (11/972,232) 2008-01-10

---

[11] **2,711,230**
[13] C
[51] **Int.Cl. H04L 12/28 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR REMOTELY CONTROLLING ACCESS TO AN ACCESS POINT**
[54] **PROCEDE ET SYSTEME POUR COMMANDER A DISTANCE UN ACCES A UN POINT D'ACCES**
[72] KRAUS, KEVIN C., US
[72] BALDAUF, GREG, US
[72] CATERINO, MARK A., US
[73] SCHLAGE LOCK COMPANY, US
[85] 2010-06-29
[86] 2008-12-31 (PCT/US2008/088599)
[87] (WO2009/088901)
[30] US (61/009,602) 2007-12-31
[30] US (61/019,464) 2008-01-07
[30] US (61/056,336) 2008-05-27

---

[11] **2,711,243**
[13] C
[51] **Int.Cl. G07C 13/00 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SECURE VOTING**
[54] **SYSTEME ET PROCEDE POUR UN VOTE SECURISE**
[72] BACKERT, ALISA JONES, US
[72] BACKERT, CHRISTOPHER CHARLES, US
[72] DAHL, CHRISTOPHER CHARLES, US
[73] E-GOVERNMENT CONSULTING GROUP, INC., US
[85] 2010-06-30
[86] 2008-12-31 (PCT/US2008/088608)
[87] (WO2009/088907)
[30] US (61/006,301) 2008-01-04
[30] US (12/318,492) 2008-12-30

---

[11] **2,711,558**
[13] C
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61K 31/52 (2006.01) C07D 473/34 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **PHOSPHATIDYL INOSITOL-3 KINASE INHIBITING COMPOUNDS**
[54] **COMPOSES INHIBITANT LA PHOSPHATIDYL-INOSITOL-3 KINASE**
[72] REN, PINGDA, US
[72] LIU, YI, US
[72] WILSON, TROY EDWARD, US
[72] CHAN, KATRINA, US
[72] ROMMEL, CHRISTIAN, US
[72] LI, LIANSHENG, US
[73] INTELLIKINE LLC, US
[85] 2010-07-05
[86] 2009-01-05 (PCT/US2009/000042)
[87] (WO2009/088990)
[30] US (61/009,971) 2008-01-04
[30] US (61/194,294) 2008-09-26
[30] US (61/201,146) 2008-12-05

---

[11] **2,712,396**
[13] C
[51] **Int.Cl. H04M 3/42 (2006.01)**
[25] EN
[54] **A UNIFIED MULTI TECHNOLOGY SWITCHBOARD SYSTEM**
[54] **SYSTEME DE STANDARD TELEPHONIQUE MULTITECHNOLOGIE UNIFIE**
[72] VANGESTAD, HELGE, NO
[72] MONSEN, JO, NO
[73] ZISSON AS, NO
[85] 2010-07-16
[86] 2009-01-16 (PCT/IB2009/005016)
[87] (WO2009/090560)
[30] US (61/011,684) 2008-01-18
[30] US (61/011,683) 2008-01-18

[11] **2,712,469**
[13] C
[51] **Int.Cl. A24D 1/14 (2006.01)**
[25] EN
[54] **AEROSOL DEVICES AND METHODS FOR INHALING A SUBSTANCE AND USES THEREOF**
[54] **DISPOSITIFS AEROSOL ET PROCEDES POUR INHALER UNE SUBSTANCE ET LEURS UTILISATIONS**
[72] BOWEN, ADAM, US
[72] MONSEES, JAMES, US
[73] PAX LABS, INC., US
[85] 2010-07-19
[86] 2008-12-18 (PCT/US2008/087488)
[87] (WO2009/079641)
[30] US (61/014,690) 2007-12-18
[30] US (12/336,439) 2008-12-16

---

[11] **2,712,692**
[13] C
[51] **Int.Cl. B60P 1/64 (2006.01) B60P 1/16 (2006.01) B62D 53/06 (2006.01) B65D 88/12 (2006.01)**
[25] EN
[54] **SELECTIVE ORIENTATION AND BALLAST FOR A TRANSPORTABLE CONTAINER**
[54] **LEST ET ORIENTATION SELECTIVE POUR UN CONTENANT TRANSPORTABLE**
[72] HERMAN, ALVIN, CA
[72] HERMAN, ERIC, CA
[73] QUICKTHREE SOLUTIONS INC., CA
[86] (2712692)
[87] (2712692)
[22] 2010-08-10

---

[11] **2,713,543**
[13] C
[51] **Int.Cl. C10M 173/02 (2006.01) C10M 111/04 (2006.01)**
[25] EN
[54] **A PROCESS FOR THE COATING OF METALLIC SURFACES WITH A LUBRICANT COMPOSITION**
[54] **PROCEDE D'ENDUCTION DE SURFACES METALLIQUES AVEC UNE COMPOSITION DE LUBRIFIANT**
[72] RAU, UWE, DE
[72] NITTEL, KLAUS-DIETER, DE
[73] CHEMETALL GMBH, DE
[85] 2010-07-28
[86] 2009-01-26 (PCT/EP2009/050854)
[87] (WO2009/095375)
[30] DE (10 2008 000 185.6) 2008-01-30

---

[11] **2,714,031**
[13] C
[51] **Int.Cl. B25B 23/06 (2006.01) B25B 31/00 (2006.01)**
[25] EN
[54] **DEVICE FOR PROCESSING CLIPS, SCREWS, BOLTS, NUTS OR SIMILAR CONNECTING ELEMENTS**
[54] **DISPOSITIF DE TRAITEMENT DE CLIPS, DE VIS, DE BOULONS, D'ECROUS OU D'ELEMENTS D'ASSEMBLAGE ANALOGUES**
[72] SCHMIDT, HEIKO, DE
[73] SCHMIDT, HEIKO, DE
[85] 2010-08-04
[86] 2009-02-03 (PCT/DE2009/000146)
[87] (WO2009/097837)
[30] DE (10 2008 007 817.4) 2008-02-05
[30] DE (10 2008 060 476.3) 2008-12-05

---

[11] **2,714,155**
[13] C
[51] **Int.Cl. C12P 21/06 (2006.01) A23J 3/34 (2006.01) A61K 38/01 (2006.01)**
[25] EN
[54] **FISH PROTEIN HYDROLYSATE HAVING A BONE-STIMULATING AND -MAINTAINING ACTIVITY, NUTRACEUTICAL AND PHARMACOLOGICAL COMPOSITIONS COMPRISING SUCH A HYDROLYSATE AND METHOD FOR OBTAINING SAME**
[54] **HYDROLYSAT DE PROTEINES DE POISSONS PRESENTANT UNE ACTIVITE DE STIMULATION ET DE MAINTIEN DU CAPITAL OSSEUX, COMPOSITIONS NUTRACEUTIQUES ET PHARMACOLOGIQUES COMPRENANT UN TEL HYDROLYSAT ET PROCEDE D'OBTENTION**
[72] DRIEU LA ROCHELLE, HUBERT, FR
[72] COUROIS, ELISA, FR
[73] COMPAGNIE DES PECHES SAINT MALO SANTE, FR
[85] 2010-08-05
[86] 2009-02-12 (PCT/EP2009/051655)
[87] (WO2009/101146)
[30] FR (08/00753) 2008-02-12

---

[11] **2,715,542**
[13] C
[51] **Int.Cl. C08B 30/14 (2006.01) A23L 27/00 (2016.01)**
[25] EN
[54] **PREGELATINIZED STARCHES AS CARRIER MATERIALS FOR LIQUID COMPONENTS**
[54] **AMIDONS PREGELATINISES SERVANT DE MATERIAUX DE SUPPORT POUR COMPOSANTS LIQUIDES**
[72] VEELAERT, SARAH, BE
[73] CARGILL, INCORPORATED, US
[85] 2010-08-13
[86] 2009-02-18 (PCT/EP2009/001160)
[87] (WO2009/103514)
[30] EP (08003275.8) 2008-02-22

---

[11] **2,716,080**
[13] C
[51] **Int.Cl. A61K 31/137 (2006.01) A61K 31/09 (2006.01)**
[25] EN
[54] **CNS PHARMACEUTICAL COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS PHARMACEUTIQUES ACTIVES SUR LE SNC ET METHODES D'UTILISATION**
[72] GLOZMAN, SABINA, IL
[73] TARGIA PHARMACEUTICALS, IL
[85] 2010-08-19
[86] 2009-02-20 (PCT/IB2009/000309)
[87] (WO2009/104080)
[30] US (61/030,141) 2008-02-20

[11] **2,716,676**
[13] C
[51] **Int.Cl. A61K 35/744 (2015.01) A61K 35/745 (2015.01) A61K 35/747 (2015.01) A61P 3/12 (2006.01) A61P 13/12 (2006.01)**
[25] EN
[54] **INHIBITOR FOR BLOOD PHOSPHORUS LEVEL ELEVATION**
[54] **INHIBITEUR D'UNE AUGMENTATION DU TAUX DE PHOSPHORE DANS LE SANG**
[72] ASADA, MASANORI, JP
[72] KANAYA, TADASHI, JP
[72] OGAWA, TETSUYA, JP
[72] SHIMADA, MIKIKO, JP
[72] UEHARA, YUMI, JP
[73] MORISHITA JINTAN CO., LTD., JP
[85] 2010-08-24
[86] 2009-03-02 (PCT/JP2009/053837)
[87] (WO2009/116382)
[30] JP (2008-072218) 2008-03-19

---

[11] **2,717,065**
[13] C
[51] **Int.Cl. C07D 333/32 (2006.01) C07C 319/18 (2006.01) C07C 323/56 (2006.01) C07C 327/32 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING THIOPHENE COMPOUND AND INTERMEDIATE THEREOF**
[54] **PROCEDE POUR LA PRODUCTION D'UN COMPOSE THIOPHENE ET INTERMEDIAIRE POUR CELUI-CI**
[72] YANAGIHARA, KAZUFUMI, JP
[72] UMEZAWA, SHINGO, JP
[72] MIYAJI, KATSUAKI, JP
[73] NISSAN CHEMICAL INDUSTRIES, LTD., JP
[85] 2010-08-27
[86] 2009-02-27 (PCT/JP2009/053732)
[87] (WO2009/107799)
[30] JP (2008-049371) 2008-02-29

---

[11] **2,717,567**
[13] C
[51] **Int.Cl. G01F 1/28 (2006.01) G01P 13/00 (2006.01)**
[25] EN
[54] **FLOWMETER**
[54] **CONTROLEUR D'ECOULEMENT**
[72] BRILL, REINER, DE
[72] HAEMEL, KAI, DE
[72] REHNELT, ULRICH, DE
[72] VIERECK, KARSTEN, DE
[73] MASCHINENFABRIK REINHAUSEN GMBH, DE
[85] 2010-09-02
[86] 2009-01-31 (PCT/EP2009/000649)
[87] (WO2009/115162)
[30] DE (10 2008 015 158.0) 2008-03-20

---

[11] **2,717,619**
[13] C
[51] **Int.Cl. A61L 27/36 (2006.01) A61L 27/54 (2006.01) A61L 27/60 (2006.01)**
[25] EN
[54] **GRAFT MATERIALS AND METHODS FOR STAGED DELIVERY OF BIOACTIVE COMPONENTS**
[54] **MATERIAUX DE GREFFE ET PROCEDES D'ADMINISTRATION ECHELONNEE DE COMPOSANTS BIOACTIFS**
[72] JANIS, ABRAM D., US
[73] COOK BIOTECH INCORPORATED, US
[85] 2010-09-02
[86] 2008-12-19 (PCT/US2008/087560)
[87] (WO2009/114052)
[30] US (61/036,613) 2008-03-14

---

[11] **2,717,918**
[13] C
[51] **Int.Cl. G01N 33/68 (2006.01) G01N 23/225 (2006.01)**
[25] EN
[54] **METHOD FOR A HIGHLY SENSITIVE DETECTION AND QUANTIFICATION OF BIOMOLECULES USING SECONDARY ION MASS SPECTROMETRY (SIMS) AND RELATED TECHNOLOGIES**
[54] **PROCEDE DE DETECTION ET DE QUANTIFICATION ULTRASENSIBLE DE BIOMOLECULES A L'AIDE DE LA SPECTROMETRIE DE MASSE DES IONS SECONDAIRES ET DE TECHNOLOGIES CONNEXES**
[72] RIPOLL, CAMILLE, FR
[72] NORRIS, VICTOR, FR
[72] MISEVIC, GRADIMIR, CH
[72] LEGENT, GUILLAUME, FR
[72] DELAUNE, ANTHONY, FR
[73] BIOSIMS TECHNOLOGIES, FR
[85] 2010-09-08
[86] 2009-03-12 (PCT/IB2009/052735)
[87] (WO2009/113044)
[30] US (61/035 803) 2008-03-12
[30] US (61/143 504) 2009-01-09

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[11] **2,718,258**
[13] C
[51] **Int.Cl. C07C 209/84 (2006.01) C07C 211/09 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING DIAMINE AND POLYAMIDE**
[54] **PROCEDE DE FABRICATION DE DIAMINE ET DE POLYAMIDE**
[72] ITO, MASATERU, JP
[72] NAKAGAWA, IZUMI, JP
[72] KATO, KOYA, JP
[72] MIMITSUKA, TAKASHI, JP
[72] SAWAI, KENJI, JP
[72] MINEGISHI, SHIN-ICHI, JP
[72] SAWAI, HIDEKI, JP
[72] YAMADA, KATSUSHIGE, JP
[73] TORAY INDUSTRIES, INC., JP
[85] 2010-09-10
[86] 2009-03-11 (PCT/JP2009/054618)
[87] (WO2009/113565)
[30] JP (2008-062497) 2008-03-12
[30] JP (2008-321271) 2008-12-17

[11] **2,718,375**
[13] C
[51] **Int.Cl. E04B 1/348 (2006.01) E04B 2/86 (2006.01) E04C 2/38 (2006.01)**
[25] EN
[54] **PREFABRICATED SELF-SUPPORTING CONSTRUCTION ELEMENT**
[54] **ELEMENT DE CONSTRUCTION AUTOPORTANT PREFABRIQUE**
[72] BJERRE, OLE, DK
[73] BUILDPOD INTERNATIONAL LTD, GB
[85] 2010-09-08
[86] 2009-03-13 (PCT/DK2009/050057)
[87] (WO2009/112037)
[30] DK (PA 2008 00394) 2008-03-14

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[11] **2,719,141**
[13] C
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 3/0481 (2013.01) G06F 17/30 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **FILE ACCESS VIA CONDUIT APPLICATION**
[54] **ACCES AUX FICHIERS PAR L'INTERMEDIAIRE D'UNE APPLICATION DE CONDUIT**
[72] LIMBER, MARK A., US
[72] GOSSWEILER, RICHARD C., III, US
[73] TRIMBLE NAVIGATION LIMITED, US
[85] 2010-09-21
[86] 2009-03-20 (PCT/US2009/037891)
[87] (WO2009/117714)
[30] US (12/053,420) 2008-03-21

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[11] **2,719,535**
[13] C
[51] **Int.Cl. A61M 1/36 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR MONITORING A VASCULAR ACCESS AND EXTRACORPOREAL BLOOD TREATMENT DEVICE COMPRISING A DEVICE FOR MONITORING A VASCULAR ACCESS**
[54] **PROCEDE ET DISPOSITIF DE SURVEILLANCE D'UN ACCES VASCULAIRE ET SYSTEME DE TRAITEMENT SANGUIN EXTRACORPOREL EQUIPE D'UN DISPOSITIF DE SURVEILLANCE D'UN ACCES VASCULAIRE**
[72] KOPPERSCHMIDT, PASCAL, DE
[73] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
[85] 2010-09-24
[86] 2009-03-24 (PCT/EP2009/002129)
[87] (WO2009/118145)
[30] DE (10 2008 015 832.1) 2008-03-27

---

[11] **2,720,606**
[13] C
[51] **Int.Cl. C08G 63/91 (2006.01) C08G 63/00 (2006.01) C08G 63/183 (2006.01) C08G 63/68 (2006.01) C08G 63/78 (2006.01)**
[25] EN
[54] **METHOD OF MAKING A METAL TEREPHTHALATE POLYMER**
[54] **PROCEDE DE FABRICATION D'UN POLYMERE METAL TEREPHTALATE**
[72] STEINMEYER, DANIEL ERIC, US
[72] LEVINE, ALAN MARC, US
[72] WILLIAMS, JAMES MATTHEW, US
[73] STEINMEYER, DANIEL ERIC, US
[73] LEVINE, ALAN MARC, US
[73] WILLIAMS, JAMES MATTHEW, US
[85] 2010-10-05
[86] 2009-03-23 (PCT/US2009/037946)
[87] (WO2009/126424)
[30] US (12/082,523) 2008-04-11

---

[11] **2,720,645**
[13] C
[51] **Int.Cl. A61F 5/445 (2006.01) A61F 5/44 (2006.01)**
[25] EN
[54] **DRAINABLE OSTOMY POUCH**
[54] **POCHE DRAINABLE POUR STOMIE**
[72] MURRAY, KIMBERLY, US
[73] CONVATEC TECHNOLOGIES INC., US
[85] 2010-10-01
[86] 2009-04-07 (PCT/US2009/039764)
[87] (WO2009/124324)

---

[11] **2,720,839**
[13] C
[51] **Int.Cl. G01N 33/543 (2006.01) B01L 3/00 (2006.01) G01N 33/558 (2006.01)**
[25] EN
[54] **ASSAY METHOD AND DEVICE FOR ANALYTES IN A SAMPLE**
[54] **PROCEDE ET DISPOSITIF D'ANALYSE**
[72] MELIN, JONAS, SE
[72] JOENSSON, CHRISTINA, SE
[73] AMIC AB, SE
[85] 2010-10-06
[86] 2009-04-14 (PCT/SE2009/050380)
[87] (WO2009/128774)
[30] SE (0800871-6) 2008-04-16

---

[11] **2,720,920**
[13] C
[51] **Int.Cl. C03C 25/34 (2006.01) C03C 25/14 (2006.01) C08K 5/04 (2006.01) C08K 5/16 (2006.01) C08K 5/17 (2006.01) C08K 5/544 (2006.01) C08L 61/10 (2006.01) C08L 61/34 (2006.01) C09J 161/06 (2006.01) C09J 161/10 (2006.01) C09J 161/14 (2006.01) C09J 161/34 (2006.01) E04B 1/74 (2006.01)**
[25] FR
[54] **SIZING COMPOSITION FOR MINERAL FIBERS AND RESULTING PRODUCTS**
[54] **COMPOSITION D'ENCOLLAGE POUR FIBRES MINERALES ET PRODUITS RESULTANTS**
[72] PONS Y MOLL, OLIVIER, FR
[72] JAFFRENNOU, BORIS, FR
[72] DOUCE, JEROME, FR
[73] SAINT-GOBAIN ISOVER, FR
[85] 2010-10-06
[86] 2009-04-10 (PCT/FR2009/050653)
[87] (WO2009/136105)
[30] FR (0802015) 2008-04-11

[11] **2,721,075**
[13] C
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 17/02 (2006.01) A61M 25/10 (2013.01) G01N 3/00 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES TO DECREASE TISSUE TRAUMA DURING SURGERY**
[54] **PROCEDES ET DISPOSITIFS POUR REDUIRE UN TRAUMATISME TISSULAIRE PENDANT UNE INTERVENTION CHIRURGICALE**
[72] CRENSHAW, HUGH CHARLES, US
[72] PELL, CHARLES ANTHONY, US
[73] PHYSCIENT, INC., US
[85] 2010-10-08
[86] 2009-04-13 (PCT/US2009/040348)
[87] (WO2009/126953)
[30] US (61/127,491) 2008-05-14
[30] US (61/123,806) 2008-04-11
[30] US (61/044,154) 2008-04-11
[30] US (61/131,752) 2008-06-12
[30] US (61/127,575) 2008-05-14

---

[11] **2,721,181**
[13] C
[51] **Int.Cl. B23K 9/32 (2006.01) H01R 13/56 (2006.01)**
[25] EN
[54] **HOSE BUNDLE FOR A WELDING DEVICE**
[54] **ENSEMBLE DE TUYAU FLEXIBLE POUR DISPOSITIF DE SOUDAGE**
[72] BINZEL, OLIVER, CH
[73] TBI INDUSTRIES GMBH, DE
[85] 2010-10-12
[86] 2009-04-15 (PCT/EP2009/054428)
[87] (WO2009/127640)
[30] DE (10 2008 019 327.5) 2008-04-16

---

[11] **2,721,376**
[13] C
[51] **Int.Cl. E21B 43/16 (2006.01) E21B 33/124 (2006.01) E21B 43/25 (2006.01) E21B 49/00 (2006.01) E21B 49/08 (2006.01) E21B 49/10 (2006.01)**
[25] EN
[54] **FORMATION TREATMENT EVALUATION**
[54] **EVALUATION DE TRAITEMENT DE FORMATION GEOLOGIQUE**
[72] AYAN, COSAN, TR
[72] KUCHUK, FIKRI JOHN, FR
[72] RAMAKRISHNAN, TERIZHANDUR S., US
[72] NEVILLE, THOMAS JAMES, CN
[72] RAMAMOORTHY, RAGHU, IN
[72] CARNEGIE, ANDREW J., CN
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2010-10-13
[86] 2009-04-15 (PCT/US2009/040627)
[87] (WO2009/129289)
[30] US (12/103,027) 2008-04-15
[30] US (61/080,430) 2008-07-14

---

[11] **2,721,512**
[13] C
[51] **Int.Cl. H01H 37/52 (2006.01) H01C 7/02 (2006.01) H01C 13/00 (2006.01) H01H 37/14 (2006.01)**
[25] EN
[54] **CIRCUIT PROTECTION DEVICE**
[54] **DISPOSITIF DE PROTECTION DE CIRCUIT**
[72] SUZUKI, KATSUAKI, JP
[73] LITTELFUSE JAPAN G.K., JP
[85] 2010-10-15
[86] 2009-04-17 (PCT/JP2009/057774)
[87] (WO2009/128535)
[30] JP (2008-109209) 2008-04-18

---

[11] **2,721,948**
[13] C
[51] **Int.Cl. C08L 33/26 (2006.01) C08J 3/24 (2006.01) C08K 5/20 (2006.01) C08K 5/5425 (2006.01) C09K 8/588 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR DIVERTING INJECTED FLUIDS TO ACHIEVE IMPROVED HYDROCARBON FLUID RECOVERY**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT DE DEVIER DES FLUIDES INJECTES POUR ASSURER UNE MEILLEURE RECUPERATION DES FLUIDES HYDROCARBURES**
[72] KURIAN, PIOUS, US
[72] RAMESH, MANIAN, US
[72] CHANG, KIN-TAI, US
[72] SHMAKOVA-LINDEMAN, OLGA E., US
[73] NALCO COMPANY, US
[85] 2010-10-20
[86] 2009-04-15 (PCT/US2009/040664)
[87] (WO2009/131881)
[30] US (61/046,721) 2008-04-21

---

[11] **2,723,054**
[13] C
[51] **Int.Cl. A23F 5/02 (2006.01) A61K 36/74 (2006.01)**
[25] EN
[54] **PRODUCTS COMPRISING, AND USES OF, DECARBOXYLATED PHENOLIC ACIDS DERIVED FROM CHLOROGENIC ACIDS OF COFFEE**
[54] **PRODUITS CONTENANT DES ACIDES PHENOLIQUES DECARBOXYLES DERIVES DES ACIDES CHLOROGENIQUES DU CAFE, ET UTILISATIONS ASSOCIEES**
[72] BEL-RHLID, RACHID, CH
[72] KRAEHENBUEHL, KARIN, CH
[72] CAVIN, CHRISTOPHE, CH
[72] RAAB, THOMAS WOLFGANG, CH
[72] PAGE, NICOLAS, CH
[73] NESTEC S.A., CH
[85] 2010-10-29
[86] 2009-03-12 (PCT/EP2009/052939)
[87] (WO2009/132889)
[30] EP (08155434.7) 2008-04-30

[11] **2,723,095**
[13] C
[51] **Int.Cl. C12N 15/29 (2006.01) A01H 1/00 (2006.01) A01H 5/00 (2006.01) C07K 14/415 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **USE OF RICE POLYPEPTIDES/NUCLEIC ACIDS FOR PLANT IMPROVEMENT**
[54] **UTILISATION D'ACIDES NUCLEIQUES/POLYPEPTIDES DE RIZ POUR AMELIORATION D'UNE PLANTE**
[72] YU, SU-MAY, TW
[72] KO, SWEE-SUAK, TW
[72] HSING, YUE-IE C., TW
[72] HO, TUAN-HUA DAVID, US
[72] LO, SHUEN-FANG, TW
[73] ACADEMIA SINICA, TW
[85] 2010-11-01
[86] 2009-05-01 (PCT/US2009/042529)
[87] (WO2009/135130)
[30] US (61/049,501) 2008-05-01

[11] **2,723,390**
[13] C
[51] **Int.Cl. A61N 1/37 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR ACCURATELY CLASSIFYING CARDIAC ACTIVITY**
[54] **PROCEDES ET DISPOSITIFS PERMETTANT UNE CLASSIFICATION PRECISE DE L'ACTIVITE CARDIAQUE**
[72] WARREN, JAY A., US
[72] SANGHERA, RICK, US
[72] ALLAVATAM, VENUGOPAL, US
[72] PALREDDY, SUREKHA, US
[73] CAMERON HEALTH, INC., US
[85] 2010-11-02
[86] 2009-05-07 (PCT/US2009/043213)
[87] (WO2009/137726)
[30] US (12/437,547) 2009-05-07
[30] US (12/399,914) 2009-03-06
[30] US (61/051,332) 2008-05-07

[11] **2,724,169**
[13] C
[51] **Int.Cl. B01D 21/24 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN FEEDWELLS**
[54] **AMELIORATIONS DE PUITS D'ALIMENTATION**
[72] TRIGLAVCANIN, RICHARD, AU
[72] RASKOVIC, DARKO, AU
[72] WANG, JIAN DONG, AU
[72] BROWN, MICHAEL ANDREW, AU
[73] OUTOTEC OYJ, FI
[85] 2010-11-12
[86] 2009-04-30 (PCT/AU2009/000537)
[87] (WO2009/137865)
[30] AU (2008902416) 2008-05-15

[11] **2,724,263**
[13] C
[51] **Int.Cl. B65D 83/04 (2006.01)**
[25] EN
[54] **MEDICAMENT DISPENSER AND METHOD**
[54] **DISTRIBUTEUR DE MEDICAMENT ET PROCEDE DE FABRICATION ET D'UTILISATION DE CELUI-CI**
[72] BITNER, JOHN, US
[73] ALLERGAN SALES, LLC, US
[85] 2010-11-12
[86] 2009-06-18 (PCT/US2009/047798)
[87] (WO2009/155419)
[30] US (12/367,501) 2009-02-06
[30] US (61/074,438) 2008-06-20

[11] **2,725,252**
[13] C
[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **POWER INJECTOR WITH KEEP VEIN OPEN FUNCTIONALITY**
[54] **INJECTEUR ASSISTE AVEC FONCTIONNALITE DE MAINTIEN D'OUVERTURE DE LA VEINE**
[72] KASAKO, ANDREW H., US
[73] LIEBEL-FLARSHEIM COMPANY LLC, US
[85] 2010-10-06
[86] 2009-08-25 (PCT/US2009/054827)
[87] (WO2010/027757)
[30] US (61/091,751) 2008-08-26

[11] **2,725,542**
[13] C
[51] **Int.Cl. H04W 4/02 (2009.01) H04N 21/472 (2011.01) H04N 7/24 (2011.01)**
[25] EN
[54] **MOTION-CONTROLLED VIEWS ON MOBILE COMPUTING DEVICES**
[54] **VUES COMMANDEES PAR LES MOUVEMENTS SUR DES DISPOSITIFS DE CALCUL MOBILES**
[72] CONWAY, DAVID P., US
[72] BLISS, ADAM, US
[72] PALEVICH, JOHN H., US
[72] TSENG, ERICK, US
[73] GOOGLE INC., US
[85] 2010-11-23
[86] 2009-05-28 (PCT/US2009/045522)
[87] (WO2009/155071)
[30] US (61/056,823) 2008-05-28

[11] **2,727,169**
[13] C
[51] **Int.Cl. B01F 3/04 (2006.01) C02F 1/00 (2006.01) C02F 1/50 (2006.01) C02F 1/68 (2006.01)**
[25] EN
[54] **APPARATUS FOR MIXING CONCENTRATED WATER TREATMENT SOLUTIONS**
[54] **APPAREIL POUR LE MELANGE DE SOLUTIONS DE TRAITEMENT D'EAU CONCENTREES**
[72] ADAMS, ZACHARY HARRIS, US
[72] BLANCHETTE, DAVID W., US
[73] ARCH CHEMICALS, INC., US
[85] 2010-12-07
[86] 2009-06-24 (PCT/US2009/048434)
[87] (WO2010/002657)
[30] US (12/490,044) 2009-06-23
[30] US (61/076,989) 2008-06-30

[11] **2,727,582**
[13] C
[51] **Int.Cl. C11D 3/50 (2006.01) C11D 17/00 (2006.01)**
[25] EN
[54] **METHOD OF REDUCING VISCOSITY OF CONCENTRATED LIQUID CLEANSERS BY SELECTION OF PERFUME COMPONENTS**
[54] **PROCEDE DE DIMINUTION DE LA VISCOSITE DE NETTOYANTS LIQUIDES CONCENTRES PAR SELECTION DE COMPOSANTS DE PARFUM**
[72] YANG, LIN, US
[72] PALLA-VENKATA, CHANDRA SHEKAR, US
[72] HU, YUNTAO THOMAS, US
[72] SINGH, PRABHJYOT, US
[72] VETHAMUTHU, MARTIN SWANSON, US
[72] LIPS, ALEXANDER, GB
[72] WEIR, ANTHONY JOHN, US
[73] UNILEVER PLC, GB
[85] 2010-12-10
[86] 2009-06-04 (PCT/EP2009/056887)
[87] (WO2009/150096)
[30] US (12/138,805) 2008-06-13

[11] **2,728,219**
[13] C
[51] **Int.Cl. C07C 43/295 (2006.01) A61K 31/09 (2006.01) A61K 31/225 (2006.01) A61P 5/28 (2006.01) A61P 35/00 (2006.01) C07C 229/06 (2006.01)**
[25] EN
[54] **DIGLYCIDIC ETHER DERIVATIVE THERAPEUTICS AND METHODS FOR THEIR USE**
[54] **PRODUITS THERAPEUTIQUES DERIVES D'ETHERS DIGLYCIDIQUES ET LEURS PROCEDES D'UTILISATION**
[72] SADAR, MARIANNE DOROTHY, CA
[72] MAWJI, NASRIN R., CA
[72] WANG, JUN, CA
[72] ANDERSEN, RAYMOND J., CA
[72] WILLIAMS, DAVID E., CA
[72] LEBLANC, MIKE, CA
[73] BRITISH COLUMBIA CANCER AGENCY BRANCH, CA
[73] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[85] 2010-12-15
[86] 2009-07-02 (PCT/CA2009/000902)
[87] (WO2010/000066)
[30] US (61/129,537) 2008-07-02

[11] **2,728,448**
[13] C
[51] **Int.Cl. H02M 7/49 (2007.01)**
[25] EN
[54] **POWER CONVERTING DEVICE AND POWER SUPPLY APPARATUS**
[54] **DISPOSITIF DE CONVERSION DE PUISSANCE ET APPAREIL D'ALIMENTATION EN PUISSANCE**
[72] JONES, RODNEY, GB
[72] WAITE, PHILIP PERRY, GB
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2010-12-17
[86] 2009-10-16 (PCT/EP2009/063541)
[87] (WO2010/127722)
[30] US (61/176,274) 2009-05-07

[11] **2,728,543**
[13] C
[51] **Int.Cl. B07B 1/46 (2006.01)**
[25] EN
[54] **IMPROVED SIFTING SCREEN**
[54] **TAMIS AMELIORE**
[72] ROBERTSON, GRAHAM, GB
[72] CARR, BRIAN, US
[72] CADY, ERIC, US
[73] UNITED WIRE LIMITED, GB
[73] M-I L.L.C., US
[85] 2010-12-17
[86] 2009-07-08 (PCT/GB2009/050804)
[87] (WO2010/004327)
[30] GB (0812630.2) 2008-07-10

[11] **2,728,970**
[13] C
[51] **Int.Cl. E21B 41/00 (2006.01) E21B 43/30 (2006.01)**
[25] EN
[54] **GEOMETRICAL OPTIMIZATION OF MULTI-WELL TRAJECTORIES**
[54] **OPTIMISATION GEOMETRIQUE DE TRAJECTOIRES MULTIPUITS**
[72] PRANGE, MICHAEL DAVID, US
[72] TILKE, PETER GERHARD, US
[72] CHAPMAN, CLINTON DANE, US
[72] AKLESTAD, DARREN LEE, US
[73] SCHLUMBERGER CANADA LIMITED, CA
[86] (2728970)
[87] (2728970)
[22] 2005-12-14
[62] 2,590,767
[30] US (60/636,076) 2004-12-14

[11] **2,729,304**
[13] C
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 11/34 (2006.01)**
[25] EN
[54] **DATA LOGGING IN GRAPH-BASED COMPUTATIONS**
[54] **ENREGISTREMENT CHRONOLOGIQUE DE DONNEES DANS DES CALCULS SUR LA BASE DE GRAPHIQUE**
[72] STUDER, SCOTT, US
[72] GOULD, JOEL, US
[72] PHILLIMORE, DAVID, US
[73] AB INITIO TECHNOLOGY LLC, US
[85] 2010-12-23
[86] 2009-06-30 (PCT/US2009/049299)
[87] (WO2010/002919)
[30] US (61/077,022) 2008-06-30

[11] **2,729,770**
[13] C
[51] **Int.Cl. G06F 19/00 (2011.01) G06F 17/50 (2006.01)**
[25] EN
[54] **MULTI-SCALE FINITE VOLUME METHOD FOR RESERVOIR SIMULATION**
[54] **PROCEDE DE VOLUMES FINIS MULTI-ECHELLE POUR SIMULATION DE RESERVOIR**
[72] LUNATI, IVAN FABRIZIO, CH
[73] CHEVRON U.S.A. INC., US
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2010-12-29
[86] 2009-07-01 (PCT/US2009/049423)
[87] (WO2010/003004)
[30] US (61/077,961) 2008-07-03

[11] **2,730,203**
[13] C
[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/7088 (2006.01) A61K 31/712 (2006.01) A61K 31/7125 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **COMPLEMENT ANTAGONISTS AND USES THEREOF**
[54] **ANTAGONISTES DU COMPLEMENT ET LEURS UTILISATIONS**
[72] BAAS, FRANK, NL
[72] FLUITER, KEES, NL
[73] REGENESANCE B.V., NL
[85] 2011-01-07
[86] 2009-07-10 (PCT/NL2009/050418)
[87] (WO2010/005310)
[30] US (61/079,501) 2008-07-10

[11] 2,730,592
[13] C
[51] Int.Cl. F15B 15/28 (2006.01)
[25] EN
[54] LINEAR ACTUATOR AND POSITION SENSING APPARATUS THEREFOR
[54] ACTIONNEUR LINEAIRE ET APPAREIL DE DETECTION DE POSITION ASSOCIE
[72] FLETCHER, BRUCE, GB
[72] FAWCETT, MICHAEL JOHN, GB
[72] GETHING, ROBERT, GB
[73] ROTA ENGINEERING LIMITED, GB
[85] 2011-01-12
[86] 2009-07-14 (PCT/GB2009/001732)
[87] (WO2010/007357)
[30] GB (0812903.3) 2008-07-15

---

[11] 2,730,727
[13] C
[51] Int.Cl. H05B 6/64 (2006.01) H05B 6/78 (2006.01)
[25] EN
[54] MULTI-STAGE CYLINDRICAL WAVEGUIDE APPLICATOR SYSTEMS
[54] SYSTEMES APPLICATEURS A GUIDES D'ONDES CYLINDRIQUES MULTI-ETAGES
[72] DROZD, ESTHER, US
[73] INDUSTRIAL MICROWAVE SYSTEMS, L.L.C., US
[85] 2011-01-13
[86] 2009-07-09 (PCT/US2009/050015)
[87] (WO2010/008991)
[30] US (12/175,483) 2008-07-18

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[11] 2,731,133
[13] C
[51] Int.Cl. G06F 21/86 (2013.01) H05K 1/02 (2006.01) H05K 5/02 (2006.01) G06Q 20/34 (2012.01)
[25] EN
[54] DEVICE AND METHOD FOR PROTECTING AN ELECTRONIC SYSTEM AGAINST UNAUTHORIZED ACCESS
[54] DISPOSITIF ET PROCEDE DE PROTECTION D'UN SYSTEME ELECTRONIQUE CONTRE UN ACCES NON AUTORISE
[72] LACROIX, PIERRE, FR
[73] INGENICO GROUP, FR
[85] 2011-01-17
[86] 2009-07-15 (PCT/FR2009/051404)
[87] (WO2010/007314)
[30] FR (0854862) 2008-07-17

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[11] 2,731,248
[13] C
[51] Int.Cl. A61C 8/00 (2006.01)
[25] EN
[54] IMPLANT FOR INSERTION INTO THE JAWBONE, PROSTHETICS PILLAR AND IMPLANT SYSTEM
[54] IMPLANT DESTINE A ETRE INSERE DANS LA MACHOIRE, PILIER PROTHETIQUE ET SYSTEME D'IMPLANT
[72] GRABOSCH, REINHOLD, DE
[73] HELIOCOS GMBH, DE
[85] 2011-01-18
[86] 2009-07-21 (PCT/EP2009/005289)
[87] (WO2010/009866)
[30] DE (10 2008 035 070.2) 2008-07-21

---

[11] 2,731,429
[13] C
[51] Int.Cl. C07D 221/26 (2006.01) A61K 31/485 (2006.01) A61P 25/36 (2006.01) A61P 29/00 (2006.01)
[25] EN
[54] LARGE SUBSTITUENT, NON-PHENOLIC AMINE OPIOIDS
[54] OPIOIDES AMINES NON PHENOLIQUES A SUBSTITUANT LARGE
[72] WENTLAND, MARK P., US
[73] RENSSELAER POLYTECHNIC INSTITUTE, US
[85] 2011-01-20
[86] 2009-07-21 (PCT/US2009/051200)
[87] (WO2010/011619)
[30] US (61/082,255) 2008-07-21

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[11] 2,731,637
[13] C
[51] Int.Cl. B60K 28/06 (2006.01)
[25] EN
[54] MOTION-SENSITIVE INTERLOCK
[54] DISPOSITIF DE VERROUILLAGE SENSIBLE AU MOUVEMENT
[72] COMEAU, FELIX J. E., CA
[73] ALCOHOL COUNTERMEASURE SYSTEMS (INTERNATIONAL) INC., CA
[86] (2731637)
[87] (2731637)
[22] 2011-02-11
[30] US (61/303,336) 2010-02-11

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[11] 2,731,680
[13] C
[51] Int.Cl. G01B 11/25 (2006.01) G01B 11/245 (2006.01)
[25] EN
[54] SYSTEM FOR ADAPTIVE THREE-DIMENSIONAL SCANNING OF SURFACE CHARACTERISTICS
[54] SYSTEME POUR BALAYAGE TRIDIMENSIONNEL ADAPTATIF DE CARACTERISTIQUES DE SURFACE
[72] SAINT-PIERRE, ERIC, CA
[72] DRAGAN, TUBIC, CA
[72] HEBERT, PATRICK, CA
[73] CREAFORM INC., CA
[85] 2011-01-20
[86] 2009-07-30 (PCT/CA2009/001105)
[87] (WO2010/015086)
[30] US (61/086,554) 2008-08-06

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[11] 2,731,811
[13] C
[51] Int.Cl. A61B 3/15 (2006.01) A61B 3/103 (2006.01) A61B 3/107 (2006.01) A61F 9/01 (2006.01)
[25] EN
[54] REGISTERING MULTIPLE OPHTHALMIC DATASETS
[54] ENREGISTREMENT D'ENSEMBLES DE DONNEES OPHTALMIQUES MULTIPLES
[72] NEAL, DANIEL R., US
[72] ZICKLER, LEANDER, US
[73] AMO WAVEFRONT SCIENCES, LLC, US
[85] 2011-01-24
[86] 2009-04-06 (PCT/US2009/039607)
[87] (WO2009/124306)
[30] US (61/042,630) 2008-04-04

[11] 2,731,880
[13] C
[51] **Int.Cl. A61K 38/17 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR THE TREATMENT OF PAIN AND/OR INFLAMMATION COMPRISING SNAP-25 PEPTIDES**
[54] **COMPOSITIONS POUR LE TRAITEMENT DE LA DOULEUR OU DE L'INFLAMMATION COMPORTANT DES PEPTIDES SNAP-25**
[72] CARRENO SERRAIMA, CRISTINA, ES
[72] VAN DEN NEST, WIM, SE
[72] FERRER MONTIEL, ANTONIO, ES
[72] CAMPRUBI ROBES, MARIA, ES
[72] FERNANDEZ CARNEADO, JIMENA, SE
[72] PONSATI OBLIOLS, BERTA, ES
[73] BCN PEPTIDES, S.A., ES
[85] 2011-01-24
[86] 2009-07-24 (PCT/EP2009/005381)
[87] (WO2010/009892)
[30] ES (P200802210) 2008-07-24

---

[11] 2,732,272
[13] C
[51] **Int.Cl. A61F 5/56 (2006.01)**
[25] EN
[54] **MAGNETIC IMPLANTS FOR TREATING OBSTRUCTIVE SLEEP APNEA**
[54] **IMPLANTS MAGNETIQUES POUR TRAITER L'APNEE OBSTRUCTIVE DU SOMMEIL**
[72] ROUSSEAU, ROBERT A., US
[72] WEADOCK, KEVIN, US
[73] ETHICON, INC., US
[85] 2011-01-27
[86] 2009-07-29 (PCT/US2009/052126)
[87] (WO2010/014726)
[30] US (12/183,955) 2008-07-31

---

[11] 2,732,340
[13] C
[51] **Int.Cl. A61K 33/06 (2006.01) A61K 33/12 (2006.01) A61P 17/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR THE PROPHYLAXIS AND TREATMENT OF DERMATOLOGICAL/MUCOSAL DISEASES, AND USES THEREOF**
[54] **COMPOSITIONS POUR LA PREVENTION ET LE TRAITEMENT DE MALADIES DERMATOLOGIQUES ET DES MUQUEUSES, ET UTILISATIONS DE CES ASSOCIEES**
[72] FELEKI, ATTILA, HU
[72] MIGO, THEODORUS A. C., HU
[73] DESPHARMA EGESZSEGUEGYI SZOLGALTATO KORLATOLT FELELOESSEGU TARSASAG, HU
[85] 2011-01-27
[86] 2009-07-28 (PCT/EP2009/059727)
[87] (WO2010/012720)
[30] EP (08462004.6) 2008-07-28

---

[11] 2,732,551
[13] C
[51] **Int.Cl. B64C 1/00 (2006.01) B64C 25/00 (2006.01)**
[25] EN
[54] **PROTECTIVE PANEL AND LANDING GEAR MODULE COMPRISING IT**
[54] **PANNEAU DE PROTECTION ET TRAIN D'ATTERRISSAGE LE COMPORTANT**
[72] DERVAULT, FRANCK, FR
[73] AIRBUS OPERATIONS, FR
[85] 2011-01-28
[86] 2009-07-31 (PCT/FR2009/000966)
[87] (WO2010/012913)
[30] FR (0855310) 2008-07-31

---

[11] 2,733,253
[13] C
[51] **Int.Cl. C09K 8/62 (2006.01) C07F 9/06 (2006.01) C09K 8/64 (2006.01) E21B 43/25 (2006.01)**
[25] EN
[54] **VOLATILE-PHOSPHORUS FREE GELLING AGENTS**
[54] **AGENTS GELIFIANTS SANS PHOSPHORE VOLATIL**
[72] COLLETT, CHRIS, GB
[72] MESHER, SHAUN T., CA
[73] STEP ENERGY SERVICES LTD., CA
[85] 2011-02-07
[86] 2009-08-26 (PCT/CA2009/001159)
[87] (WO2010/022496)
[30] US (61/092,050) 2008-08-26

---

[11] 2,733,402
[13] C
[51] **Int.Cl. F16B 39/30 (2006.01) E04F 13/21 (2006.01) F16B 25/00 (2006.01) F16B 25/08 (2006.01) F16B 25/10 (2006.01) F16B 33/02 (2006.01)**
[25] EN
[54] **WOOD FASTENER**
[54] **FIXATION POUR BOIS**
[72] KOCHHEISER, MICHAEL, US
[72] BENT, JEFF, US
[73] ATLAS BOLT & SCREW COMPANY, L.L.C., US
[86] (2733402)
[87] (2733402)
[22] 2011-03-02
[30] US (61/309,665) 2010-03-02

---

[11] 2,733,572
[13] C
[51] **Int.Cl. F02K 1/04 (2006.01) F02K 1/80 (2006.01)**
[25] EN
[54] **FLEXIBLE ABUTMENT LINKS FOR ATTACHING A PART MADE OF CMC**
[54] **LIAISONS SOUPLES A BUTEE POUR FIXATION DE PIECE EN CMC**
[72] CONETE, ERIC, FR
[73] HERAKLES, FR
[85] 2011-02-07
[86] 2009-09-08 (PCT/FR2009/051684)
[87] (WO2010/026354)
[30] FR (08 56009) 2008-09-08

[11] **2,733,788**
[13] C
[51] **Int.Cl. H04L 29/14 (2006.01) G05B 19/418 (2006.01) H04L 12/24 (2006.01) H04L 29/08 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEMS FOR REDUNDANT SERVER AUTOMATIC FAILOVER**
[54] **PROCEDE ET SYSTEMES DE BASCULEMENT AUTOMATIQUE DE SERVEURS REDONDANTS**
[72] THAM, JEFFREY TAI-SANG, US
[72] RYAN, MICHAEL F., US
[73] GE INTELLIGENT PLATFORMS, INC., US
[85] 2011-02-10
[86] 2009-08-17 (PCT/US2009/054036)
[87] (WO2010/021984)
[30] US (12/193,537) 2008-08-18

---

[11] **2,733,915**
[13] C
[51] **Int.Cl. H05B 33/08 (2006.01)**
[25] EN
[54] **LED ASSEMBLY DRIVING CIRCUIT**
[54] **ORGANE DE PREHENSION POUR UN MANIPULATEUR**
[72] WELTEN, PETRUS JOHANNES MARIA, NL
[73] ELDOLAB HOLDING B.V., NL
[85] 2011-02-11
[86] 2009-08-17 (PCT/NL2009/000159)
[87] (WO2010/019030)
[30] US (61/089,211) 2008-08-15

---

[11] **2,734,818**
[13] C
[51] **Int.Cl. G01D 5/48 (2006.01) G01S 5/00 (2006.01)**
[25] EN
[54] **TRACKING OBJECTS IN CONDUITS**
[54] **POURSUITE D'OBJETS DANS DES CONDUITES**
[72] HILL, DAVID JOHN, GB
[72] MCEWEN-KING, MAGNUS, GB
[73] OPTASENSE HOLDINGS LIMITED, GB
[85] 2011-02-18
[86] 2009-08-20 (PCT/GB2009/002032)
[87] (WO2010/020781)
[30] GB (0815297.7) 2008-08-21

---

[11] **2,735,017**
[13] C
[51] **Int.Cl. C25C 7/06 (2006.01) B08B 3/04 (2006.01) C25C 7/02 (2006.01)**
[25] EN
[54] **ELECTRODE WASHING METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE LAVAGE D'ELECTRODES**
[72] IVERSON, GORDON STEVEN, CA
[72] JICKLING, ROBERT STANLEY, CA
[73] EPCM SERVICES LTD., CA
[85] 2011-02-23
[86] 2009-09-15 (PCT/CA2009/001269)
[87] (WO2010/028498)
[30] US (61/097,067) 2008-09-15

---

[11] **2,735,405**
[13] C
[51] **Int.Cl. G06K 9/00 (2006.01)**
[25] FR
[54] **METHOD OF DETERMINING A PSEUDO-IDENTITY ON THE BASIS OF CHARACTERISTICS OF MINUTIAE AND ASSOCIATED DEVICE**
[54] **PROCEDE DE DETERMINATION D'UNE PSEUDO-IDENTITE A PARTIR DE CARACTERISTIQUES DE MINUTIES ET DISPOSITIF ASSOCIE**
[72] BRINGER, JULIEN, FR
[72] CHABANNE, HERVE, FR
[73] MORPHO, FR
[85] 2011-02-25
[86] 2009-08-31 (PCT/FR2009/051645)
[87] (WO2010/023415)
[30] FR (08 55853) 2008-09-01

---

[11] **2,735,908**
[13] C
[51] **Int.Cl. H04N 5/655 (2006.01) H04N 5/64 (2006.01)**
[25] EN
[54] **LOW PROFILE MOUNT FOR FLAT PANEL ELECTRONIC DISPLAY**
[54] **SUPPORT EXTRAPLAT POUR DISPOSITIF D'AFFICHAGE ELECTRONIQUE A PANNEAU PLAT**
[72] SMITH, PAUL, US
[73] MILESTONE AV TECHNOLOGIES LLC, US
[85] 2011-03-02
[86] 2009-08-31 (PCT/US2009/055535)
[87] (WO2010/027945)
[30] US (61/093,676) 2008-09-02

---

[11] **2,735,985**
[13] C
[51] **Int.Cl. H02J 1/10 (2006.01)**
[25] EN
[54] **REDUNDANT POWER SUPPLY**
[54] **BLOC D'ALIMENTATION REDONDANT**
[72] LAMPARD, MELVYN JAMES, GB
[72] WEAVER, RUSSELL DOUGLAS, GB
[73] COOPER TECHNOLOGIES COMPANY, US
[85] 2011-03-03
[86] 2009-09-14 (PCT/GB2009/051190)
[87] (WO2010/029375)
[30] GB (0816844.5) 2008-09-15

---

[11] **2,736,370**
[13] C
[51] **Int.Cl. C07D 401/10 (2006.01) A61K 31/415 (2006.01) A61P 7/00 (2006.01) A61P 9/00 (2006.01) A61P 35/00 (2006.01) C07D 401/08 (2006.01) C07D 403/08 (2006.01) C07D 403/10 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **PYRAZOLE CARBOXAMIDE INHIBITORS OF FACTOR XA**
[54] **INHIBITEURS PYRAZOLE CARBOXAMIDE DU FACTEUR XA**
[72] GANT, THOMAS G., US
[72] SHAHBAZ, MANOUCHERHR, US
[73] AUSPEX PHARMACEUTICALS, INC., US
[85] 2011-03-07
[86] 2009-09-14 (PCT/US2009/056824)
[87] (WO2010/030983)
[30] US (61/096,869) 2008-09-15

---

[11] **2,736,808**
[13] C
[51] **Int.Cl. A61B 17/66 (2006.01)**
[25] EN
[54] **ORTHOPAEDIC DEVICE TO BE ASSOCIATED WITH THE OUTSIDE OF A BONE**
[54] **APPAREIL ORTHOPEDIQUE A ASSOCIER A L'EXTERIEUR D'UN OS**
[72] BAGNASCO, MARA, IT
[72] VENTURINI, DANIELE, IT
[72] MARINI, GRAZIANO, IT
[73] ORTHOFIX S.R.L., IT
[85] 2011-03-10
[86] 2009-09-08 (PCT/IB2009/006785)
[87] (WO2010/029406)
[30] IT (BO2008A000548) 2008-09-11

[11] **2,737,032**
[13] C
[51] **Int.Cl. A61B 17/66 (2006.01)**
[25] EN
[54] **ORTHOPAEDIC DEVICE FOR CORRECTING DEFORMITIES OF LONG BONES**
[54] **DISPOSITIF ORTHOPEDIQUE DE CORRECTION DES DEFORMATIONS D'OS LONGS**
[72] BAGNASCO, MARA, IT
[72] VENTURINI, DANIELE, IT
[72] MARINI, GRAZIANO, IT
[73] ORTHOFIX S.R.L., IT
[85] 2011-03-11
[86] 2009-09-14 (PCT/IB2009/006735)
[87] (WO2010/032098)
[30] IT (BO2008A000565) 2008-09-16

---

[11] **2,737,865**
[13] C
[51] **Int.Cl. B29D 11/00 (2006.01)**
[25] EN
[54] **BINDER OF ENERGIZED COMPONENTS IN AN OPHTHALMIC LENS**
[54] **LIANT POUR COMPOSANTS EXCITES DANS UNE LENTILLE OPHTALMIQUE**
[72] PUGH, RANDALL B., US
[72] OTTS, DANIEL B., US
[72] FLITSCH, FREDERICK A., US
[73] JOHNSON & JOHNSON VISION CARE, INC., US
[85] 2011-03-21
[86] 2009-09-17 (PCT/US2009/057289)
[87] (WO2010/033683)
[30] US (61/192,765) 2008-09-22
[30] US (12/557,016) 2009-09-10
[30] US (12/557,070) 2009-09-10

---

[11] **2,737,944**
[13] C
[51] **Int.Cl. A23L 27/20 (2016.01) A23K 20/111 (2016.01) A23L 27/00 (2016.01) A23L 29/00 (2016.01) A23L 2/52 (2006.01) A61K 8/55 (2006.01) A61K 31/353 (2006.01) A61K 47/24 (2006.01) A23L 33/10 (2016.01)**
[25] EN
[54] **REDUCING ASTRINGENCY IN COMPOSITIONS CONTAINING PHENOLIC COMPOUNDS**
[54] **REDUCTION DE L'ASTRINGENCE DE COMPOSITIONS CONTENANT DES COMPOSES PHENOLIQUES**
[72] BORTLIK, KARLHEINZ, CH
[72] BEGGIO, MAURIZIO, CH
[72] LAMBELET, PIERRE, CH
[72] HUYNH-BA, TUONG, CH
[72] AESCHBACH, ROBERT, CH
[73] NESTEC S.A., CH
[85] 2011-03-21
[86] 2009-09-14 (PCT/EP2009/061891)
[87] (WO2010/034642)
[30] EP (08105432.2) 2008-09-25

---

[11] **2,738,015**
[13] C
[51] **Int.Cl. C02F 1/40 (2006.01) B01D 24/36 (2006.01) C02F 1/00 (2006.01)**
[25] EN
[54] **WATER FILTER APPARATUS INCORPORATING WALNUT SHELL FILTER MEDIA AND A DRAFT TUBE SYSTEM**
[54] **APPAREIL DE FILTRATION D'EAU COMPORTANT UN SUPPORT DE FILTRE A COQUILLE DE NOIX ET DISPOSITIF DE TUBE D'ASPIRATION D'AIR**
[72] FELCH, CHAD L., US
[72] HOWDESHELL, MICHAEL, US
[72] MUNSON, STUART J., US
[72] LORGE, ERIC A., US
[72] KUMFER, BRYAN J., US
[72] PATTERSON, MATTHEW, US
[73] SIEMENS ENERGY, INC., US
[85] 2011-03-22
[86] 2009-09-23 (PCT/US2009/058005)
[87] (WO2010/036692)
[30] US (61/099,597) 2008-09-24
[30] US (61/099,600) 2008-09-24
[30] US (61/099,604) 2008-09-24
[30] US (61/175,579) 2009-05-05

---

[11] **2,738,321**
[13] C
[51] **Int.Cl. B65D 75/58 (2006.01)**
[25] EN
[54] **PACKAGING**
[54] **CONDITIONNEMENT**
[72] WILLEY, JASON DENIS, GB
[72] CHEEMA, PARBINDER, GB
[73] MONDELEZ UK HOLDINGS & SERVICES LIMITED, GB
[85] 2011-03-24
[86] 2009-10-14 (PCT/GB2009/002462)
[87] (WO2010/046623)
[30] GB (0819200.7) 2008-10-20
[30] GB (0821354.8) 2008-11-21

---

[11] **2,738,373**
[13] C
[51] **Int.Cl. G01N 3/42 (2006.01)**
[25] EN
[54] **FIELD STRENGTH TEST DEVICES AND METHODS FOR INSTALLED ENGINEERED MATERIAL ARRESTING SYSTEMS**
[54] **DISPOSITIFS ET PROCEDES DE TEST DE RESISTANCE DE TERRAIN POUR SYSTEMES D'ARRET INSTALLES FAITS EN MATERIAUX TECHNOLOGIQUES**
[72] ZOU, HONG, US
[72] MANNING, ANDREA L., US
[72] THOMPSON, GRAHAM KENT, JR., US
[72] SHI, YIJIAN, US
[73] ENGINEERED ARRESTING SYSTEMS CORPORATION, US
[85] 2011-03-23
[86] 2009-09-24 (PCT/US2009/058167)
[87] (WO2010/036769)
[30] US (61/099,937) 2008-09-25

[11] **2,738,934**
[13] C
[51] **Int.Cl. F42D 1/055 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR COMMUNICATING AND CONTROLLING ELECTRIC DETONATORS**
[54] **PROCEDE ET SYSTEME DE COMMUNICATION ET DE COMMANDE DE DETONATEURS ELECTRIQUES**
[72] HURLEY, ELDON K., US
[72] KOME, CORNELIS L., US
[72] LEVAN, ROBERT W., US
[73] DYNO NOBEL INC., US
[85] 2011-03-29
[86] 2009-09-29 (PCT/US2009/058778)
[87] (WO2010/039704)
[30] US (61/101,429) 2008-09-30

---

[11] **2,739,680**
[13] C
[51] **Int.Cl. B65D 81/05 (2006.01)**
[25] EN
[54] **SHOCK-PROTECTING PACKAGING**
[54] **EMBALLAGE A PROTECTION CONTRE LES CHOCS**
[72] PITT, JEFFREY GRAHAM, GB
[73] PROTECTIVE PACKAGING SYSTEMS LIMITED, GB
[85] 2011-04-05
[86] 2009-10-09 (PCT/GB2009/002413)
[87] (WO2010/041023)
[30] GB (0818508.4) 2008-10-09

---

[11] **2,739,714**
[13] C
[51] **Int.Cl. H01M 4/88 (2006.01) H01M 4/90 (2006.01) H01M 4/92 (2006.01) H01M 4/86 (2006.01)**
[25] EN
[54] **ELECTRODE COMPARTMENT FOR AN ELECTROCHEMICAL CELL, A REFRESHING SYSTEM FOR IT AND AN EMULSION TO BE USED THEREFORE**
[54] **COMPARTIMENT D'ELECTRODE POUR PILE ELECTROCHIMIQUE, SYSTEME DE RAFRAICHISSEMENT ASSOCIE ET EMULSION DESTINEE AU COMPARTIMENT**
[72] VAN RAALTEN, RUTGER ALEXANDER DAVID, NL
[72] KOWLGI, KRISHNA NARAYAN KUMAR, NL
[72] KOPER, GERARDUS JOSEPH MARIA, NL
[73] CARBONX B.V., NL
[85] 2011-04-05
[86] 2009-10-06 (PCT/NL2009/050596)
[87] (WO2010/041937)
[30] NL (2002071) 2008-10-07

---

[11] **2,739,989**
[13] C
[51] **Int.Cl. B60W 30/00 (2006.01) B60W 40/00 (2006.01) B60W 50/00 (2006.01) G01C 21/34 (2006.01) G01S 17/93 (2006.01)**
[25] EN
[54] **CONTROL AND SYSTEMS FOR AUTONOMOUSLY DRIVEN VEHICLES**
[54] **COMMANDE ET SYSTEMES POUR VEHICULES A CONDUITE AUTONOME**
[72] TREPAGNIER, PAUL GERARD, US
[72] NAGEL, JORGE EMILIO, US
[72] DOONER, MATTHEW TAYLOR, US
[72] DEWENTER, MICHAEL THOMAS, US
[72] TRAFT, NEIL MICHAEL, US
[72] DRAKUNOV, SERGEY, US
[72] KINNEY, POWELL, US
[72] LEE, AARON, US
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2011-04-07
[86] 2009-10-26 (PCT/US2009/062059)
[87] (WO2010/048611)
[30] US (12/289,325) 2008-10-24

---

[11] **2,740,490**
[13] C
[51] **Int.Cl. B64D 29/08 (2006.01)**
[25] FR
[54] **TURBOJET ENGINE NACELLE**
[54] **NACELLE POUR TURBOREACTEUR**
[72] JORET, JEAN-PHILIPPE, FR
[72] VAUCHEL, GUY BERNARD, FR
[73] AIRCELLE, FR
[85] 2011-04-13
[86] 2009-09-07 (PCT/FR2009/001067)
[87] (WO2010/055217)
[30] FR (08/06317) 2008-11-13

---

[11] **2,741,353**
[13] C
[51] **Int.Cl. F16D 55/224 (2006.01) F16D 65/095 (2006.01)**
[25] EN
[54] **DISK BRAKE FOR A RAILWAY VEHICLE HAVING AN ELECTRICALLY INSULATED BRAKE LINING RETAINER**
[54] **FREIN A DISQUE POUR UN VEHICULE SUR RAILS PRESENTANT UN SUPPORT DE GARNITURE DE FREIN ISOLE ELECTRIQUEMENT**
[72] STOCKER, WERNER, AT
[73] SIEMENS AG OESTERREICH, AT
[85] 2011-04-20
[86] 2009-09-07 (PCT/EP2009/061530)
[87] (WO2010/046174)
[30] AT (A1653/2008) 2008-10-22

---

[11] **2,741,477**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **DISTRIBUTED DATA STORAGE**
[54] **STOCKAGE DE DONNEES DISTRIBUE**
[72] MELANDER, CHRISTIAN, SE
[72] BERNBO, STEFAN, SE
[72] PETERSSON, GUSTAV, SE
[72] PERSSON, ROGER, SE
[73] COMPUVERDE AB, SE
[85] 2011-04-21
[86] 2009-10-21 (PCT/EP2009/063796)
[87] (WO2010/046393)
[30] SE (0802277-4) 2008-10-24

[11] **2,741,498**
[13] C
[51] **Int.Cl. H04W 28/04 (2009.01) H04W 88/08 (2009.01) H04L 1/08 (2006.01)**
[25] EN
[54] **WIRELESS BASE STATION DEVICE USING COORDINATED HARQ COMMUNICATION METHOD, WIRELESS TERMINAL DEVICE, WIRELESS COMMUNICATION SYSTEM, AND WIRELESS COMMUNICATION METHOD**
[54] **STATION DE BASE SANS FIL UTILISANT UN PROCEDE DE COMMUNICATION HARQ COORDONNE, UN DISPOSITIF DE TERMINAL SANS FIL, UN SYSTEME DE COMMUNICATION SANS FIL ET UN PROCEDE DE COMMUNICATION SANS FIL**
[72] WU, JIANMING, JP
[73] FUJITSU LIMITED, JP
[85] 2011-04-21
[86] 2008-10-28 (PCT/JP2008/003080)
[87] (WO2010/049970)

---

[11] **2,741,661**
[13] C
[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/421 (2006.01) A61K 31/454 (2006.01) A61K 31/4545 (2006.01) A61K 31/495 (2006.01) A61K 31/496 (2006.01) A61K 31/506 (2006.01) A61P 29/00 (2006.01) A61P 37/06 (2006.01) C07D 263/22 (2006.01) C07D 413/12 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **NOVEL AMIDE DERIVATIVE AND USE THEREOF AS MEDICINE**
[54] **NOUVEAU DERIVE AMIDE ET SON UTILISATION COMME MEDICAMENT**
[72] ISHIBUCHI, SEIGO, JP
[72] HIKAWA, HIDEMASA, JP
[72] TARAO, AKIKO, JP
[72] ENDOH, JUN-ICHI, JP
[72] ADACHI, KUNITOMO, JP
[72] MAEDA, KAZUHIRO, JP
[72] TASHIRO, KAORU, JP
[73] MITSUBISHI TANABE PHARMA CORPORATION, JP
[85] 2011-04-26
[86] 2009-10-27 (PCT/JP2009/068386)
[87] (WO2010/050461)
[30] JP (2008-276147) 2008-10-27

---

[11] **2,741,794**
[13] C
[51] **Int.Cl. B29C 70/24 (2006.01) B29B 11/16 (2006.01) D03D 25/00 (2006.01)**
[25] EN
[54] **PI-PREFORM WITH VARIABLE WIDTH CLEVIS AND RELATED METHOD OF FORMING**
[54] **PREFORME PI A CHAPE DE LARGEUR VARIABLE ET PROCEDE DE FORMATION ASSOCIE**
[72] OUELLETTE, KENNETH, US
[72] GOERING, JONATHAN, US
[72] GILBERTSON, BROCK, US
[73] ALBANY ENGINEERED COMPOSITES, INC., US
[85] 2011-04-27
[86] 2009-10-27 (PCT/US2009/062216)
[87] (WO2010/053754)
[30] US (12/260,689) 2008-10-29

---

[11] **2,742,463**
[13] C
[51] **Int.Cl. C07D 207/14 (2006.01) A61K 31/401 (2006.01) A61K 31/4025 (2006.01) C07D 401/06 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 403/06 (2006.01) C07D 403/12 (2006.01) C07D 405/12 (2006.01) C07D 409/06 (2006.01) C07D 409/12 (2006.01) C07D 413/06 (2006.01) C07D 413/12 (2006.01) C07D 491/08 (2006.01)**
[25] EN
[54] **3-(BENZYLAMIN0)-PYRR0LIDINE DERIVATIVES AND THEIR USE AS NK-3 RECEPTOR ANTAGONISTS**
[54] **DERIVES DE 3-(BENZYLAMINO)PYRROLIDINE ET LEUR UTILISATION COMME ANTAGONISTES DU RECEPTEUR NK-3**
[72] BISSANTZ, CATERINA, FR
[72] JABLONSKI, PHILIPPE, FR
[72] KNUST, HENNER, DE
[72] NETTEKOVEN, MATTHIAS, DE
[72] RATNI, HASANE, FR
[72] RIEMER, CLAUS, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2011-05-02
[86] 2009-10-26 (PCT/EP2009/064031)
[87] (WO2010/060703)
[30] EP (08168213.0) 2008-11-03

---

[11] **2,742,484**
[13] C
[51] **Int.Cl. B66B 7/02 (2006.01) F03D 80/00 (2016.01) B66B 7/06 (2006.01) B66B 11/00 (2006.01) F16L 3/10 (2006.01)**
[25] EN
[54] **STABILIZATION DEVICES**
[54] **DISPOSITIFS DE STABILISATION**
[72] BRICKELL, CHRISTOPHER GAVIN, US
[72] HAIGH, JOHN JEROME, US
[72] ROMO, DAVID AREVALO, US
[73] SAFEWORKS, LLC, US
[85] 2011-05-03
[86] 2009-11-11 (PCT/US2009/064064)
[87] (WO2010/056766)
[30] US (61/113,428) 2008-11-11

---

[11] **2,742,696**
[13] C
[51] **Int.Cl. B65B 55/12 (2006.01) A23L 3/34 (2006.01) A23L 3/3454 (2006.01)**
[25] EN
[54] **PATHOGEN REDUCTION SYSTEM FOR THE PREPARATION OF SLICED FOOD PRODUCTS**
[54] **SYSTEME DE REDUCTION DES PATHOGENES POUR LA PREPARATION DE PRODUITS ALIMENTAIRES EN TRANCHES**
[72] RAMABADRAN, ARUN, US
[73] SPRAYING SYSTEMS CO., US
[85] 2011-05-04
[86] 2009-04-30 (PCT/US2009/042291)
[87] (WO2010/053595)
[30] US (61/111,566) 2008-11-05

[11] **2,742,717**
[13] C
[51] **Int.Cl. A61F 5/44 (2006.01) A61G 7/02 (2006.01)**
[25] EN
[54] **FLUID COLLECTION SYSTEM AND METHODS OF USING SAME**
[54] **SYSTEME DE COLLECTE DE FLUIDE ET PROCEDES D'UTILISATION DE CELUI-CI**
[72] BURGESS, JAMES E., US
[72] CHUA, KENNETH S., US
[72] DUNN, JOSEPH B., US
[72] GREESON, DALE F., JR., US
[72] MAZE, JACK E., US
[72] SAVAGE, ALBERTO C., US
[72] SIAVELIS, ARLENE A., US
[72] TOMES, JENNIFER E., US
[72] WILSON, EARL D., US
[73] MEDLINE INDUSTRIES, INC., US
[85] 2011-05-04
[86] 2009-11-05 (PCT/US2009/063384)
[87] (WO2010/054066)
[30] US (12/266,281) 2008-11-06

[11] **2,742,751**
[13] C
[51] **Int.Cl. B22F 1/02 (2006.01) B23K 35/02 (2006.01) B23K 35/40 (2006.01)**
[25] FR
[54] **BRAZING PRODUCT COMPRISING A MIXTURE OF BRAZING FLUX AND FILLER METAL, AND PRODUCTION METHOD THEREOF**
[54] **PRODUIT DE BRASAGE COMPRENANT UN MELANGE DE FLUX DE BRASAGE ET METAL D'APPORT ET PROCEDE DE FABRICATION**
[72] SCHMITT, PHILIPPE, FR
[72] BOSI, BORIS, FR
[73] SELECTARC WELDING, FR
[85] 2011-05-04
[86] 2009-11-16 (PCT/FR2009/052190)
[87] (WO2010/058116)
[30] FR (0857863) 2008-11-19

[11] **2,742,895**
[13] C
[51] **Int.Cl. B42D 25/369 (2014.01) B42D 25/364 (2014.01) B42D 25/378 (2014.01) B42D 25/41 (2014.01) B41M 3/14 (2006.01)**
[25] EN
[54] **MAGNETICALLY ORIENTED INK ON PRIMER LAYER**
[54] **ENCRE MAGNETIQUEMENT ORIENTEE SUR UNE COUCHE D'APPRET**
[72] DESPLAND, CLAUDE-ALAIN, CH
[72] SCHMID, MATHIEU, CH
[72] VEYA, PATRICK, CH
[73] SICPA HOLDING SA, CH
[85] 2011-05-05
[86] 2009-11-24 (PCT/EP2009/065731)
[87] (WO2010/058026)
[30] IB (PCT/IB2008/003192) 2008-11-24

[11] **2,743,396**
[13] C
[51] **Int.Cl. C08L 33/06 (2006.01) H02S 40/22 (2014.01) C08K 5/20 (2006.01) H01L 31/048 (2014.01)**
[25] EN
[54] **PRODUCTION OF SOLAR CELL MODULES**
[54] **FABRICATION DE MODULES DE CELLULES SOLAIRES**
[72] BATTENHAUSEN, PETER, DE
[72] BECKER, ERNST, DE
[72] SCHULTES, KLAUS, DE
[72] STROHKARK, SVEN, DE
[73] EVONIK ROEHM GMBH, DE
[85] 2011-05-11
[86] 2009-10-15 (PCT/EP2009/063438)
[87] (WO2010/054905)
[30] DE (10 2008 043 713.1) 2008-11-13

[11] **2,743,715**
[13] C
[51] **Int.Cl. C07D 231/56 (2006.01) A01N 37/34 (2006.01) A01N 43/707 (2006.01) A61K 31/416 (2006.01) A61K 31/4192 (2006.01) A61P 33/00 (2006.01) A61P 33/10 (2006.01) C07D 249/18 (2006.01)**
[25] EN
[54] **ENANTIOMERICALLY ENRICHED ARYLOAZOL-2-YL CYANOETHYLAMINO PARACITICIDAL COMPOUNDS**
[54] **COMPOSES D'ARYLOAZOL-2-YL CYANOETHYLAMINO PARASITICIDES ENRICHIS ENANTIOMERIQUEMENT**
[72] SOLL, MARK DAVID, US
[72] LE HIR DE FALLOIS, LOIC PATRICK, US
[72] HUBER, SCOT KEVIN, US
[72] LEE, HYOUNG IK, US
[72] WILKINSON, DOUGLAS EDWARD, US
[72] JACOBS, ROBERT TOMS, US
[72] BECK, BRENT CHRISTOPHER, US
[73] MERIAL, INC., US
[85] 2011-05-12
[86] 2009-11-13 (PCT/US2009/064392)
[87] (WO2010/056999)
[30] US (61/114,656) 2008-11-14
[30] US (61/114,665) 2008-11-14
[30] US (61/176,136) 2009-05-07

[11] **2,743,803**
[13] C
[51] **Int.Cl. A61F 2/06 (2013.01)**
[25] EN
[54] **EXTERNAL STENT**
[54] **STENT EXTERNE**
[72] ORION, EYAL, IL
[72] BACHAR, YEHUDA, IL
[72] BEN-GAL, YANAI, IL
[72] RAPAPORT, AVRAHAM, IL
[72] CIBULSKI, GILAD, IL
[72] WINSHTEIN, RONNY, IL
[73] THE MEDICAL RESEARCH, INFRASTRUCTURE, AND HEALTH SERVICES FUND OF THE TEL AVIV MEDICAL CENTER, IL
[73] VASCULAR GRAFT SOLUTIONS LTD., IL
[85] 2011-05-16
[86] 2009-11-24 (PCT/IL2009/001105)
[87] (WO2010/058406)
[30] US (61/193,398) 2008-11-24
[30] US (61/186,046) 2009-06-11
[30] US (61/244,138) 2009-09-21

[11] **2,743,930**
[13] C
[51] **Int.Cl. B32B 5/20 (2006.01) B32B 27/40 (2006.01) B32B 37/15 (2006.01)**
[25] EN
[54] **POLYURETHANE FOAM PAD AND METHODS OF MAKING AND USING SAME**
[54] **BLOC EN MOUSSE DE POLYURETHANE ET SES PROCEDES DE FABRICATION ET D'UTILISATION**
[72] FOWLER, GREGORY, US
[73] SHAW INDUSTRIES GROUP, INC., US
[85] 2011-05-13
[86] 2008-11-14 (PCT/US2008/083689)
[87] (WO2010/056250)

---

[11] **2,744,141**
[13] C
[51] **Int.Cl. A61L 27/02 (2006.01) A61K 31/167 (2006.01) A61K 31/57 (2006.01) A61K 33/06 (2006.01) A61L 27/20 (2006.01)**
[25] EN
[54] **USE OF CARBOXYMETHYLCELLULOSE TO CONTROL EJECTABILITY AND SOLIDIFICATION TIME OF COMPOSITIONS COMPRISING ONE OR MORE BIORESORBABLE CERAMICS**
[54] **UTILISATION DE CARBOXYMETHYLCELLULOSE POUR AJUSTER L'EJECTABILITE ET LE TEMPS DE SOLIDIFICATION DE COMPOSITIONS COMPRENANT UNE OU DE PLUSIEURS CERAMIQUES BIORESORBABLES**
[72] AXEN, NIKLAS, SE
[72] LENNERNAES, HANS, SE
[72] MALMSTEN, LARS AKE, SE
[72] CARLSSON, ANDERS, SE
[73] LIDDS AB, SE
[85] 2011-05-18
[86] 2009-11-27 (PCT/EP2009/008496)
[87] (WO2010/060644)
[30] DK (PA 2008 01674) 2008-11-27

---

[11] **2,744,224**
[13] C
[51] **Int.Cl. A61M 5/145 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR COMPENSATING FOR INJECTION MEDIA VISCOSITY IN A PRESSURIZED DRUG INJECTION SYSTEM**
[54] **PROCEDE ET APPAREIL DE COMPENSATION DE LA VISCOSITE DE MILIEUX D'INJECTION DANS UN SYSTEME D'INJECTION DE MEDICAMENT PRESSURISE**
[72] RYKHUS, ROBERT L., US
[72] CRANK, JUSTIN M., US
[73] AMS RESEARCH CORPORATION, US
[85] 2011-05-19
[86] 2009-12-04 (PCT/US2009/006383)
[87] (WO2010/077271)
[30] US (61/141,153) 2008-12-29

---

[11] **2,745,651**
[13] C
[51] **Int.Cl. B65B 9/04 (2006.01) B65B 25/00 (2006.01) B65B 55/02 (2006.01) B65B 55/04 (2006.01) B65B 59/04 (2006.01)**
[25] EN
[54] **PLANT FOR PACKAGING CONFECTIONARY PRODUCTS IN A STERILE MANNER**
[54] **USINE DE CONDITIONNEMENT STERILE DE FRIANDISES**
[72] FEDERICI, FABIO, IT
[73] SOREMARTEC S.A., LU
[85] 2011-06-02
[86] 2009-12-02 (PCT/IB2009/007625)
[87] (WO2010/064125)
[30] IT (TO2008A000896) 2008-12-03

---

[11] **2,746,055**
[13] C
[51] **Int.Cl. C07D 209/08 (2006.01) A61K 31/403 (2006.01) A61P 25/00 (2006.01) C07D 209/52 (2006.01)**
[25] EN
[54] **TRIPLE REUPTAKE INHIBITORS AND METHODS OF THEIR USE**
[54] **INHIBITEURS DE TRIPLE RECAPTURE ET LEURS METHODES D'UTILISATION**
[72] SHAO, LIMING, US
[72] WANG, FENGJIANG, US
[72] MALCOLM, SCOTT C., US
[72] HEWITT, MICHAEL C., US
[73] SUNOVION PHARMACEUTICALS INC., US
[85] 2011-06-07
[86] 2009-12-15 (PCT/US2009/068016)
[87] (WO2010/075064)
[30] US (61/138,062) 2008-12-16

---

[11] **2,746,110**
[13] C
[51] **Int.Cl. F04C 28/02 (2006.01) F04B 49/06 (2006.01) G05B 17/02 (2006.01)**
[25] EN
[54] **SIMULATION-SUPPORTED METHOD FOR CONTROLLING AND/OR REGULATING COMPRESSED AIR STATIONS**
[54] **PROCEDE ASSISTE PAR SIMULATION POUR LA COMMANDE OU LA REGULATION DE STATIONS D'AIR COMPRIME**
[72] WAGNER, FLORIAN, DE
[72] FREY, GEORG, DE
[73] KAESER KOMPRESSOREN SE, DE
[85] 2011-06-07
[86] 2009-12-23 (PCT/EP2009/067838)
[87] (WO2010/072803)
[30] DE (10 2008 064 491.9) 2008-12-23

[11] **2,746,713**
[13] C
[51] **Int.Cl. A45B 9/00 (2006.01) A63C 11/22 (2006.01) F16B 7/14 (2006.01)**
[25] EN
[54] **LENGTH-ADJUSTABLE POLE AND CLAMPING DEVICE THEREFOR**
[54] **BATON REGLABLE EN LONGUEUR ET DISPOSITIF DE SERRAGE POUR CELUI-CI**
[72] LENHART, KLAUS, DE
[72] HEIM, EBERHARD, DE
[73] LEKISPORT AG, CH
[85] 2011-06-13
[86] 2010-01-26 (PCT/CH2010/000020)
[87] (WO2010/085905)
[30] CH (135/09) 2009-01-29
[30] CH (1055/09) 2009-07-07

---

[11] **2,747,114**
[13] C
[51] **Int.Cl. G06F 12/00 (2006.01) H04W 4/00 (2009.01) H04W 40/22 (2009.01) G06F 9/44 (2006.01)**
[25] EN
[54] **PRE-CACHING RESOURCES BASED ON A CACHE MANIFEST**
[54] **RESSOURCES PRE-CACHE FONDEE SUR UN MANIFESTE DE CACHE**
[72] BROWN, MICHAEL STEPHEN, CA
[72] LITTLE, HERBERT ANTHONY, CA
[72] DENT, TERRILL MARK, CA
[73] BLACKBERRY LIMITED, CA
[86] (2747114)
[87] (2747114)
[22] 2011-07-22
[30] US (13/152,565) 2011-06-03

---

[11] **2,747,304**
[13] C
[51] **Int.Cl. G06F 3/0488 (2013.01) G06F 17/30 (2006.01)**
[25] EN
[54] **QUICK DIRECTORY SEARCH SYSTEM ON A TOUCH SCREEN DEVICE AND METHODS THEREOF**
[54] **SYSTEME DE RECHERCHE RAPIDE DANS LES ANNUAIRES SUR UN DISPOSITIF A ECRAN TACTILE ET SA METHODE D'UTILISATION**
[72] COUSE, PETER FRANCIS, CA
[72] FERA, PAUL, CA
[73] MITEL NETWORKS CORPORATION, CA
[86] (2747304)
[87] (2747304)
[22] 2011-07-26
[30] US (13/068487) 2011-05-11

---

[11] **2,748,236**
[13] C
[51] **Int.Cl. G06F 3/14 (2006.01) H04N 21/414 (2011.01) H04N 21/4725 (2011.01) G06F 3/0488 (2013.01) G06F 3/01 (2006.01) G09F 9/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR TOUCH SCREEN TEXT ENTRY**
[54] **PROCEDE ET SYSTEME POUR UNE ENTREE DE TEXTE PAR ECRAN TACTILE**
[72] HERLEIN, GREGORY CHARLES, US
[72] YUNKER, CHRISTOPHER LEWIS, US
[73] THOMSON LICENSING, FR
[85] 2011-06-23
[86] 2008-12-30 (PCT/US2008/014103)
[87] (WO2010/077224)

---

[11] **2,748,485**
[13] C
[51] **Int.Cl. B05C 11/04 (2006.01)**
[25] EN
[54] **APPLICATOR FOR APPLYING MATERIAL SUCH AS MASTIC TO A SURFACE**
[54] **APPLICATEUR POUR APPLIQUER UN MATERIAU TEL QUE DU MASTIC SUR UNE SURFACE**
[72] OVENS, MELVIN L., CA
[73] OVENS, MELVIN L., CA
[85] 2011-06-28
[86] 2010-01-22 (PCT/CA2010/000107)
[87] (WO2010/085881)
[30] US (12/362,568) 2009-01-30

---

[11] **2,749,840**
[13] C
[51] **Int.Cl. C07C 235/76 (2006.01) A61K 31/16 (2006.01) A61K 31/19 (2006.01) A61K 31/336 (2006.01) A61P 9/08 (2006.01) A61P 9/12 (2006.01) C07C 275/20 (2006.01) C07D 303/38 (2006.01)**
[25] EN
[54] **NOVEL EICOSANOID DERIVATIVES**
[54] **NOUVEAUX DERIVES D'EICOSANOIDES**
[72] SCHUNCK, WOLF-HAGEN, DE
[72] WALLUKAT, GERD, DE
[72] FISCHER, ROBERT, DE
[72] SCHMIDT, COSIMA, DE
[72] MUELLER, DOMINIK N., DE
[72] PULI, NAREUDER, US
[72] FALCK, JOHN R., US
[73] MAX-DELBRUECK-CENTRUM FUER MOLEKULARE MEDIZIN (MDC), DE
[73] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2011-07-12
[86] 2010-01-13 (PCT/EP2010/000140)
[87] (WO2010/081683)
[30] EP (09000372.4) 2009-01-13

[11] **2,749,911**
[13] C
[51] **Int.Cl. A01N 25/00 (2006.01) A01N 37/44 (2006.01) A01N 59/26 (2006.01) A01P 9/00 (2006.01) C05G 3/02 (2006.01)**
[25] EN
[54] **USE OF EDDS AND CALCIUM IONS AS ENHANCERS OF MOLLUSCICIDAL ACTIVITY**
[54] **UTILISATION D'ACIDE ETHYLENEDIAMINE-DISUCCINIQUE ET D'IONS CALCIUM EN TANT QUE STIMULATEURS D'ACTIVITE MOLLUSCICIDE**
[72] DIXON, NICHOLAS JOHN, GB
[72] BASSETT, DEREK, GB
[72] ARNDT, REINHOLD, DE
[72] PROKOP, ANDREAS, DE
[72] PARKER, DIANA, CA
[72] CHEN, TIANYE, CA
[73] INNOSPEC LIMITED, GB
[73] W. NEUDORFF GMBH KG, DE
[85] 2011-07-15
[86] 2010-01-26 (PCT/GB2010/050114)
[87] (WO2010/084361)
[30] GB (0901234.5) 2009-01-26
[30] GB (0901293.1) 2009-01-26

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[11] **2,750,285**
[13] C
[51] **Int.Cl. B21D 47/01 (2006.01) B21D 11/14 (2006.01) B21D 51/16 (2006.01)**
[25] EN
[54] **HOLLOW MEMBER**
[54] **ELEMENT CREUX**
[72] TOMIZAWA, ATSUSHI, JP
[72] SHIMADA, NAOAKI, JP
[72] YOSHIDA, MICHITAKA, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2011-07-20
[86] 2010-01-21 (PCT/JP2010/050671)
[87] (WO2010/084898)
[30] JP (2009-011163) 2009-01-21

---

[11] **2,750,376**
[13] C
[51] **Int.Cl. B01L 9/00 (2006.01) B01L 3/02 (2006.01)**
[25] EN
[54] **ANTI-STATIC PIPETTE TIP TRAYS**
[54] **PLATEAUX D'EMBOUT DE PIPETTE ANTISTATIQUES**
[72] MOTADEL, ARTA, US
[72] CURRY, SCOTT EDWARD, US
[73] BIOTIX, INC., US
[85] 2011-07-21
[86] 2010-01-22 (PCT/US2010/021838)
[87] (WO2010/085669)
[30] US (61/147,065) 2009-01-23

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[11] **2,750,488**
[13] C
[51] **Int.Cl. C07C 231/18 (2006.01) C07C 233/58 (2006.01) C07C 237/20 (2006.01)**
[25] EN
[54] **METHOD FOR SYNTHESIS OF (1S, 2R)-MILNACIPRAN**
[54] **PROCEDE POUR LA SYNTHESE DE (1S,2R)-MILNACIPRAN**
[72] NICOLAS, MARC, FR
[72] HELLIER, PAUL, FR
[72] DIARD, CATHERINE, FR
[72] SUBRA, LAURENT, FR
[73] PIERRE FABRE MEDICAMENT, FR
[85] 2011-07-21
[86] 2010-01-29 (PCT/EP2010/051045)
[87] (WO2010/086394)
[30] FR (0950552) 2009-01-29

---

[11] **2,750,780**
[13] C
[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/62 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR SEPARATING OF CARBON DIOXIDE FROM AN EXHAUST GAS OF A FOSSIL-FIRED POWER PLANT**
[54] **PROCEDE ET DISPOSITIF DE SEPARATION DU DIOXYDE DE CARBONE CONTENU DANS UN GAZ D'ECHAPPEMENT D'UNE CENTRALE ELECTRIQUE A COMBUSTIBLE FOSSILE**
[72] RICHTER, PETER, DE
[72] SCHNEIDER, RUEDIGER, DE
[72] SCHRAMM, HENNING, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2011-07-26
[86] 2009-11-05 (PCT/EP2009/064699)
[87] (WO2010/086039)
[30] DE (10 2009 006 314.5) 2009-01-28

---

[11] **2,751,667**
[13] C
[51] **Int.Cl. A61K 9/20 (2006.01)**
[25] EN
[54] **IMMEDIATE RELEASE COMPOSITION RESISTANT TO ABUSE BY INTAKE OF ALCOHOL**
[54] **COMPOSITION A LIBERATION IMMEDIATE RESISTANT A UNE MALTRAITANCE PAR PRISE D'ALCOOL**
[72] TYGESEN, PETER HOLM, DK
[72] OEVERGARD, JAN MARTIN, DK
[72] OESTMAN, JOAKIM, SE
[73] EGALET LTD., GB
[85] 2011-08-05
[86] 2010-02-05 (PCT/EP2010/000728)
[87] (WO2010/089132)
[30] DK (PA 2009 00190) 2009-02-06
[30] US (61/150,577) 2009-02-06
[30] US (61/151,491) 2009-02-10

[11] **2,752,284**
[13] C
[51] **Int.Cl. C07D 339/08 (2006.01) B01D 71/06 (2006.01) B01J 20/26 (2006.01) C08G 65/40 (2006.01) C08J 5/18 (2006.01) B01D 53/02 (2006.01)**
[25] EN
[54] **LADDER POLYMERS WITH INTRINSIC MICROPOROSITY AND PROCESS FOR PRODUCTION THEREOF**
[54] **POLYMERES ECHELLE DOTES D'UNE MICROPOROSITE INTRINSEQUE ET LEUR PROCEDE DE PRODUCTION**
[72] DU, NAIYING, CA
[72] GUIVER, MICHAEL D., CA
[72] ROBERTSON, GILLES P., CA
[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[85] 2011-03-14
[86] 2009-10-16 (PCT/CA2009/001472)
[87] (WO2010/048694)
[30] US (61/193,081) 2008-10-27

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[11] **2,752,322**
[13] C
[51] **Int.Cl. E21B 33/13 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR USING ROCK DEBRIS TO INHIBIT THE INITIATION OR PROPAGATION OF FRACTURES WITHIN A PASSAGEWAY THROUGH SUBTERRANEAN STRATA**
[54] **SYSTEMES ET PROCEDES PERMETTANT D'UTILISER UN PASSAGE A TRAVERS UNE STRATE SOUTERRAINE**
[72] TUNGET, BRUCE A., GB
[73] TUNGET, BRUCE A., GB
[85] 2011-06-17
[86] 2009-12-18 (PCT/US2009/006641)
[87] (WO2010/080132)
[30] GB (0921954.4) 2009-12-16
[30] GB (0823194.6) 2008-12-19

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[11] **2,752,850**
[13] C
[51] **Int.Cl. C01G 23/053 (2006.01) B01J 13/00 (2006.01) C08K 3/22 (2006.01) C08L 101/00 (2006.01) C09C 1/36 (2006.01) C09D 17/00 (2006.01)**
[25] EN
[54] **DISPERSION OF PARTICLES OF RUTILE TITANIUM OXIDE, PROCESS FOR PRODUCING THE SAME, AND USE OF THE SAME**
[54] **DISPERSION DE PARTICULES D'OXYDE DE TITANE SOUS FORME RUTILE, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION**
[72] NOMURA, ATSUSHI, JP
[72] NAKAGAWA, KENICHI, JP
[72] MORITA, TAKANORI, JP
[73] SAKAI CHEMICAL INDUSTRY CO., LTD., JP
[85] 2011-08-17
[86] 2010-02-15 (PCT/JP2010/052573)
[87] (WO2010/095726)
[30] JP (2009-036491) 2009-02-19

---

[11] **2,753,419**
[13] C
[51] **Int.Cl. G06T 17/05 (2011.01)**
[25] EN
[54] **SYSTEM AND METHOD OF INDICATING TRANSITION BETWEEN STREET LEVEL IMAGES**
[54] **SYSTEME ET PROCEDE D'INDICATION DE TRANSITION ENTRE DES IMAGES DE NIVEAU RUE**
[72] ZHU, JIAJUN, US
[73] GOOGLE INC., US
[85] 2011-08-23
[86] 2010-02-24 (PCT/US2010/025161)
[87] (WO2010/099151)
[30] US (12/391,516) 2009-02-24

---

[11] **2,753,707**
[13] C
[51] **Int.Cl. F16L 33/18 (2006.01) F16L 33/02 (2006.01) F16L 33/22 (2006.01)**
[25] EN
[54] **COUPLING ASSEMBLY FOR CONNECTION TO A HOSE**
[54] **ENSEMBLE DE COUPLAGE POUR CONNEXION A UN TUYAU**
[72] CARRIER, MICHAEL OWEN, US
[72] ELLERBROCK, RYAN THOMAS, US
[72] GREGRICH, GLENN MARTIN, US
[72] LUGINBILL, JILL MARIE, US
[72] SCHULTZ, BRETT WILLIAM, US
[72] WELCH, JERRY MICHAEL, US
[73] EATON CORPORATION, US
[85] 2011-08-25
[86] 2010-02-26 (PCT/US2010/025532)
[87] (WO2010/099404)
[30] US (12/393,176) 2009-02-26

---

[11] **2,753,755**
[13] C
[51] **Int.Cl. A62B 35/00 (2006.01) B60R 22/30 (2006.01)**
[25] FR
[54] **DEVICE FOR ADJUSTING THE LENGTH OF A FLEXIBLE LINK AND USE THEREOF IN A COMFORT HOUSING FOR A HARNESS STRAP**
[54] **DISPOSITIF D'AJUSTEMENT DE LA LONGUEUR D'UN LIEN SOUPLE, APPLICATION A UN BOITIER DE CONFORT POUR SANGLE DE HARNAIS**
[72] VIEUX, PATRICK, FR
[73] TRACTEL SAS, FR
[85] 2011-08-25
[86] 2010-02-25 (PCT/FR2010/050333)
[87] (WO2010/097555)
[30] FR (0951280) 2009-02-27

---

[11] **2,754,974**
[13] C
[51] **Int.Cl. A47L 9/16 (2006.01) A47L 5/36 (2006.01) A47L 9/00 (2006.01)**
[25] EN
[54] **A CLEANING APPLIANCE**
[54] **APPAREIL DE NETTOYAGE**
[72] MACNAUGHTON, ROY, GB
[73] DYSON TECHNOLOGY LIMITED, GB
[85] 2011-09-09
[86] 2010-03-10 (PCT/GB2010/050418)
[87] (WO2010/112887)
[30] GB (0905475.0) 2009-03-31

[11] **2,755,023**
[13] C
[51] **Int.Cl. C07D 405/04 (2006.01) A61K 31/513 (2006.01) A61K 31/517 (2006.01) A61P 31/12 (2006.01) C07D 401/04 (2006.01) C07D 403/04 (2006.01) C07D 409/14 (2006.01)**
[25] EN
[54] **ANTIVIRAL COMPOUNDS AND USES THEREOF**
[54] **COMPOSES ANTIVIRAUX ET LEURS UTILISATIONS**
[72] ROCKWAY, TODD W., US
[72] BETEBENNER, DAVID A., US
[72] DEGOEY, DAVID A., US
[72] FLENTGE, CHARLES A., US
[72] HUTCHINSON, DOUGLAS K., US
[72] KATI, WARREN M., US
[72] KRUEGER, ALLAN C., US
[72] LIU, DACHUN, US
[72] LONGENECKER, KENTON L., US
[72] PRATT, JOHN K., US
[72] STEWART, KENT D., US
[72] WAGNER, ROLF, US
[72] MARING, CLARENCE J., US
[73] ABBVIE INC., US
[85] 2011-09-08
[86] 2010-03-25 (PCT/US2010/028561)
[87] (WO2010/111437)
[30] US (61/163,157) 2009-03-25

[11] **2,755,144**
[13] C
[51] **Int.Cl. E21B 21/06 (2006.01) B03B 5/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CLEANING OIL FROM DRILL CUTTINGS**
[54] **APPAREIL ET PROCEDE POUR NETTOYER LES HYDROCARBURES DES DEBLAIS DE FORAGE**
[72] ROSS, STANLEY, CA
[72] BIERSTEKER, MICHAEL, CA
[73] RECOVER ENERGY SERVICES INC., CA
[86] (2755144)
[87] (2755144)
[22] 2011-10-14
[30] US (61/393,790) 2010-10-15

[11] **2,755,422**
[13] C
[51] **Int.Cl. F16K 15/14 (2006.01) A61M 39/24 (2006.01) F16K 7/00 (2006.01)**
[25] EN
[54] **HIGH PRESSURE DUCKBILL VALVE AND INSERT**
[54] **CLAPET BEC-DE-CANARD HAUTE PRESSION, ET GARNITURE RAPPORTEE**
[72] WRIGHT, PETER, GB
[72] ROMERO, ROBERT J., US
[72] PHILLIPS, DAVID L., US
[73] XYLEM IP HOLDINGS LLC, US
[85] 2011-09-14
[86] 2010-03-16 (PCT/US2010/027377)
[87] (WO2010/107723)
[30] US (61/161,858) 2009-03-20

[11] **2,755,716**
[13] C
[51] **Int.Cl. H04L 27/36 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUSES FOR COMPENSATION OF I/Q IMBALANCE**
[54] **PROCEDES ET APPAREILS DE COMPENSATION D'UN DESEQUILIBRE I/Q**
[72] JOHANSSON, HAEKAN, SE
[73] SIGNAL PROCESSING DEVICES SWEDEN AB, SE
[85] 2011-09-16
[86] 2009-03-20 (PCT/EP2009/053324)
[87] (WO2010/105694)

[11] **2,756,650**
[13] C
[51] **Int.Cl. B64G 1/54 (2006.01)**
[25] EN
[54] **SPACECRAFT SHIELD**
[54] **PROTECTION D'ENGIN SPATIAL**
[72] BAMFORD, RUTH, GB
[72] BINGHAM, ROBERT, GB
[73] THE SCIENCE AND TECHNOLOGY FACILITIES COUNCIL, GB
[85] 2011-09-23
[86] 2010-03-26 (PCT/GB2010/000588)
[87] (WO2010/109207)
[30] GB (0905238.2) 2009-03-26

[11] **2,757,288**
[13] C
[51] **Int.Cl. F01D 5/14 (2006.01) F01D 5/18 (2006.01) F01D 9/02 (2006.01)**
[25] FR
[54] **TURBINE VANE WITH DUSTING HOLE AT THE BASE OF THE BLADE**
[54] **AUBE DE TURBINE AVEC UN TROU DE DEPOUSSIERAGE EN BASE DE PALE**
[72] ANTUNES, SERGE LOUIS, FR
[72] BOURY, SERGE LOUIS, FR
[72] ROSSET, PATRICE JEAN-MARC, FR
[73] SNECMA, FR
[85] 2011-08-31
[86] 2010-03-12 (PCT/EP2010/053212)
[87] (WO2010/103113)
[30] FR (0951615) 2009-03-13
[30] FR (0954375) 2009-06-26

[11] **2,757,385**
[13] C
[51] **Int.Cl. B08B 9/032 (2006.01) B05B 9/01 (2006.01) B05B 15/02 (2006.01) B08B 3/00 (2006.01) B44D 3/00 (2006.01)**
[25] FR
[54] **CLEANING DEVICE FOR SPRAY GUN**
[54] **DISPOSITIF DE NETTOYAGE POUR PISTOLET DE PULVERISATION**
[72] SAINT, PATRICK, FR
[73] FILLON TECHNOLOGIES, FR
[85] 2011-09-30
[86] 2010-03-31 (PCT/FR2010/050603)
[87] (WO2010/116070)
[30] FR (09/01735) 2009-04-08
[30] FR (09/01734) 2009-04-08

[11] **2,758,255**
[13] C
[51] **Int.Cl. A61L 27/04 (2006.01) A61L 31/02 (2006.01)**
[25] EN
[54] **BIOERODIBLE, IMPLANTABLE MEDICAL DEVICES INCORPORATING SUPERSATURATED MAGNESIUM ALLOYS**
[54] **DISPOSITIFS MEDICAUX IMPLANTABLES BIOERODABLES INTEGRANT DES ALLIAGES DE MAGNESIUM SURSATURES**
[72] WEBER, JAN, NL
[73] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2011-10-07
[86] 2010-04-08 (PCT/US2010/030332)
[87] (WO2010/118193)
[30] US (12/421,928) 2009-04-10

---

[11] **2,758,385**
[13] C
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **DATABASE APPLICATION NAVIGATION**
[54] **NAVIGATION DANS UNE APPLICATION DE BASE DE DONNEES**
[72] GREENBERG, STEVEN MILES, US
[72] SELCA, VITORE, US
[72] MILLER, ANDREW ROBERT, US
[72] LESSER, STEPHEN, US
[72] COVINGTON, CLINTON DEE, US
[72] MCMINN, RYAN, US
[72] KARIMOV, PAVEL R., US
[72] TUPAJ, KONRAD, US
[72] GREWAL, AMARINDER SINGH, US
[72] COOPER, ROBERT SCOTT, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2011-10-12
[86] 2010-05-12 (PCT/US2010/034617)
[87] (WO2010/135121)
[30] US (12/468,067) 2009-05-19

---

[11] **2,759,415**
[13] C
[51] **Int.Cl. F16K 1/14 (2006.01) F16K 5/06 (2006.01) F16K 15/18 (2006.01)**
[25] EN
[54] **DOMESTIC WATER TAP OR FAUCET**
[54] **ROBINET D'EAU DOMESTIQUE**
[72] FENWICK, HENRY TEASDALE, AU
[73] PRIDE TECHNOLOGIES INTERNATIONAL PTY LTD, AU
[85] 2011-10-20
[86] 2009-08-28 (PCT/AU2009/001106)
[87] (WO2010/121286)
[30] AU (2009201565) 2009-04-21

---

[11] **2,759,823**
[13] C
[51] **Int.Cl. B65B 61/20 (2006.01) B65C 1/02 (2006.01) B65C 9/04 (2006.01) B65C 9/06 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR PRODUCING PACKAGES FOR CIGARETTES**
[54] **DISPOSITIF ET PROCEDE DE FABRICATION DE PAQUETS DE CIGARETTES**
[72] HAEFKER, THOMAS, DE
[72] KOEHLER, HEIKO, DE
[73] FOCKE & CO. (GMBH & CO. KG), DE
[85] 2011-10-24
[86] 2010-02-19 (PCT/EP2010/001039)
[87] (WO2010/121682)
[30] DE (10 2009 018 561.5) 2009-04-24

---

[11] **2,760,747**
[13] C
[51] **Int.Cl. C08F 283/12 (2006.01) B29D 11/00 (2006.01) C08F 290/06 (2006.01) G02B 1/04 (2006.01)**
[25] EN
[54] **ACTINICALLY-CROSSLINKABLE SILOXANE-CONTAINING COPOLYMERS**
[54] **COPOLYMERES CONTENANT UN SILOXANE RETICULABLE PAR VOIE ACTINIQUE**
[72] JUSTYNSKA, JUSTYNA, NO
[72] SEIFERLING, BERNHARD, DE
[73] NOVARTIS AG, CH
[85] 2011-11-01
[86] 2010-05-20 (PCT/EP2010/056990)
[87] (WO2010/133680)
[30] US (61/180,449) 2009-05-22

---

[11] **2,761,102**
[13] C
[51] **Int.Cl. H04B 10/116 (2013.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR SUPPORT OF DIMMING IN VISIBLE LIGHT COMMUNICATION**
[54] **APPAREIL ET PROCEDE DE PRISE EN CHARGE DE GRADATION D'INTENSITE EN COMMUNICATION PAR LUMIERE VISIBLE**
[72] RAJAGOPAL, SRIDHAR, US
[72] LI, YING, US
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2011-11-04
[86] 2010-05-10 (PCT/KR2010/002967)
[87] (WO2010/128838)
[30] US (61/215,760) 2009-05-08
[30] US (12/577,548) 2009-10-12

---

[11] **2,761,347**
[13] C
[51] **Int.Cl. H04N 7/20 (2006.01) H04L 12/28 (2006.01) H04N 7/24 (2011.01)**
[25] EN
[54] **SATELLITE SIGNAL DISTRIBUTION**
[54] **DELIVRANCE DE SIGNAL PAR SATELLITE**
[72] STRONG, STEPHEN, US
[72] TUCK, FREDERICK R., US
[72] LANDRETH, DANIEL ALEXANDER, US
[73] ECHOSTAR TECHNOLOGIES LLC, US
[85] 2011-11-07
[86] 2010-06-08 (PCT/US2010/037800)
[87] (WO2010/147806)
[30] US (12/486,655) 2009-06-17

[11] **2,761,388**
[13] C
[51] **Int.Cl. H04B 10/80 (2013.01) H04W 92/02 (2009.01) H04J 14/02 (2006.01)**
[25] EN
[54] **SIGNAL TRANSMISSION PROCESSING METHOD AND APPARATUS AND DISTRIBUTED BASE STATION**
[54] **PROCEDE ET DISPOSITIF DE GESTION DE L'EFFICACITE DE TRANSMISSION D'UN SIGNAL, ET STATION DE BASE DISTRIBUEE**
[72] TAN, JINGXIN, CN
[72] XIAO, XIN, CN
[72] HUANG, ZHIYONG, CN
[72] LI, CHAOYANG, CN
[72] ZHANG, BINGHUA, CN
[72] DU, WEI, CN
[72] LI, HANGUO, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2011-11-08
[86] 2009-07-27 (PCT/CN2009/072937)
[87] (WO2011/011911)

---

[11] **2,761,512**
[13] C
[51] **Int.Cl. C22C 47/04 (2006.01) C04B 41/88 (2006.01) C23C 2/00 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE FOR THE LIQUID METAL COATING OF FIBERS MADE OF A CERAMIC MATERIAL**
[54] **PROCEDE ET DISPOSITIF D'ENDUCTION METALLIQUE PAR VOIE LIQUIDE DE FIBRES EN MATERIAU CERAMIQUE**
[72] FRANCHET, JEAN-MICHEL PATRICK MAURICE, FR
[72] KLEIN, GILLES CHARLES CASIMIR, FR
[72] SANCHEZ, GERALD, FR
[73] SNECMA, FR
[85] 2011-11-08
[86] 2010-04-20 (PCT/FR2010/050753)
[87] (WO2010/136687)
[30] FR (0953415) 2009-05-25

---

[11] **2,762,550**
[13] C
[51] **Int.Cl. H04W 12/06 (2009.01)**
[25] EN
[54] **MOBILE DEVICE FOR AUTHENTICATING A DEVICE ACCESSORY**
[54] **DISPOSITIF PORTATIF D'AUTHENTIFICATION D'UN APPAREIL ACCESSOIRE.**
[72] MOOSAVI, VAHID, CA
[72] KHAN, GABRIEL DEEN, CA
[72] ROSE, SCOTT DOUGLAS, CA
[73] BLACKBERRY LIMITED, CA
[86] (2762550)
[87] (2762550)
[22] 2011-12-20
[30] EP (10196881.6) 2010-12-23

---

[11] **2,762,796**
[13] C
[51] **Int.Cl. G01D 4/02 (2006.01) F21K 9/00 (2016.01) F21S 8/08 (2006.01) G01R 31/27 (2006.01) G08C 19/00 (2006.01)**
[25] EN
[54] **REMOTE MONITORING AND CONTROL OF LED BASED STREET LIGHTS**
[54] **SURVEILLANCE ET COMMANDE A DISTANCE DE REVERBERES A DEL**
[72] AHMAD, RIZWAN, US
[73] DIALIGHT CORPORATION, US
[86] (2762796)
[87] (2762796)
[22] 2011-12-29
[30] US (12/984,377) 2011-01-04

---

[11] **2,762,872**
[13] C
[51] **Int.Cl. A63B 59/70 (2015.01) B29C 70/00 (2006.01)**
[25] EN
[54] **HOCKEY STICK BLADE**
[54] **LAME DE BATON DE HOCKEY**
[72] JEANNEAU, PHILIPPE, CA
[73] SPORT MASKA INC., CA
[86] (2762872)
[87] (2762872)
[22] 2011-12-30

---

[11] **2,763,467**
[13] C
[51] **Int.Cl. A23K 10/38 (2016.01)**
[25] EN
[54] **METHODS FOR PRODUCING A HIGH PROTEIN CORN MEAL FROM A WHOLE STILLAGE BYPRODUCT AND SYSTEM THEREFORE**
[54] **PROCEDES DE FABRICATION D'UNE SEMOULE DE MAIS A TENEUR ELEVEE EN PROTEINES A PARTIR D'UN SOUS-PRODUIT RESIDU DE DISTILLATION ENTIER ET SYSTEME ASSOCIE**
[72] LEE, CHIE YING, US
[73] FLUID-QUIP, INC., US
[85] 2011-11-24
[86] 2009-05-26 (PCT/US2009/045163)
[87] (WO2010/138110)

---

[11] **2,764,047**
[13] C
[51] **Int.Cl. G01N 30/32 (2006.01) G01N 30/20 (2006.01) G01N 30/36 (2006.01)**
[25] EN
[54] **SAMPLE INJECTOR WITH METERING DEVICE BALANCING PRESSURE DIFFERENCES IN AN INTERMEDIATE VALVE STATE**
[54] **INJECTEUR D'ECHANTILLON POURVU D'UN DISPOSITIF DOSEUR POUR EQUILIBRER LES DIFFERENCES DE PRESSION DANS UN ETAT DE VALVE INTERMEDIAIRE**
[72] KRETZ, WOLFGANG, DE
[72] GLATZ, BERND, DE
[73] AGILENT TECHNOLOGIES, INC., US
[85] 2011-11-30
[86] 2009-06-03 (PCT/EP2009/056795)
[87] (WO2010/139359)

[11] **2,764,124**
[13] C
[51] **Int.Cl. C07D 217/02 (2006.01) A61K 31/407 (2006.01) A61K 31/4725 (2006.01) A61K 31/496 (2006.01) A61K 31/5377 (2006.01) A61K 31/551 (2006.01) A61P 9/00 (2006.01) A61P 25/28 (2006.01) A61P 27/06 (2006.01) C07D 401/12 (2006.01) C07D 413/12 (2006.01) C07D 487/08 (2006.01)**
[25] EN
[54] **SUBSTITUTED ISOQUINOLINE DERIVATIVE**
[54] **DERIVE D'ISOQUINOLINE SUBSTITUEE**
[72] HIDAKA, HIROYOSHI, JP
[72] TAKAHASHI, KOUICHI, JP
[72] INOUE, YOSHIHIRO, JP
[72] SUMI, KENGO, JP
[72] NAKAMURA, RYOHEI, JP
[73] D. WESTERN THERAPEUTICS INSTITUTE, INC., JP
[85] 2011-11-30
[86] 2010-06-18 (PCT/JP2010/004101)
[87] (WO2010/146881)
[30] JP (2009-146040) 2009-06-19

---

[11] **2,764,914**
[13] C
[51] **Int.Cl. G06K 9/00 (2006.01) H04N 5/225 (2006.01)**
[25] EN
[54] **BIOMETRIC DATA ACQUISITION DEVICE**
[54] **DISPOSITIF D'ACQUISITION DE DONNEES BIOMETRIQUES**
[72] HANNA, KEITH J., US
[72] DAVILA, CARLOS A., US
[73] EYELOCK LLC, US
[85] 2011-12-08
[86] 2009-07-09 (PCT/US2009/050117)
[87] (WO2010/006176)
[30] US (61/079,161) 2008-07-09

---

[11] **2,765,105**
[13] C
[51] **Int.Cl. H02J 3/18 (2006.01)**
[25] EN
[54] **METHOD AND ARRANGEMENT TO CONTROL AN AC SYSTEM**
[54] **PROCEDE ET AGENCEMENT PERMETTANT DE COMMANDER UN SYSTEME CA**
[72] THORBURN, STEFAN, SE
[72] LILJESTRAND, LARS, SE
[72] PETERSSON, AKE, SE
[73] ABB RESEARCH LTD, CH
[85] 2011-12-09
[86] 2009-07-02 (PCT/EP2009/058341)
[87] (WO2011/000425)

---

[11] **2,765,734**
[13] C
[51] **Int.Cl. A61M 31/00 (2006.01) A61K 9/00 (2006.01) A61K 31/167 (2006.01)**
[25] EN
[54] **IMPLANTABLE DRUG DELIVERY DEVICES AND METHODS OF MAKING THE SAME**
[54] **DISPOSITIFS IMPLANTABLES D'ADMINISTRATION DE MEDICAMENT ET LEURS PROCEDES DE FABRICATION**
[72] LEE, HEEJIN, US
[72] LARRIVEE-ELKINS, CHERYL, US
[73] TARIS BIOMEDICAL LLC, US
[85] 2011-12-15
[86] 2010-06-28 (PCT/US2010/040251)
[87] (WO2010/151893)
[30] US (61/220,865) 2009-06-26
[30] US (61/241,382) 2009-09-10

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[11] **2,766,422**
[13] C
[51] **Int.Cl. H02J 9/06 (2006.01) H05B 33/08 (2006.01)**
[25] EN
[54] **ELECTRONIC CIRCUIT FOR CONVERTING A MAINS-OPERATED LUMINAIRE INTO AN EMERGENCY LUMINAIRE**
[54] **CIRCUIT ELECTRONIQUE PERMETTANT DE CONVERTIR UN ECLAIRAGE SUR SECTEUR EN UN ECLAIRAGE DE SECOURS**
[72] NOE, MICHEL, CH
[73] POLYNOM AG, CH
[85] 2011-12-22
[86] 2010-05-26 (PCT/CH2010/000136)
[87] (WO2010/139080)
[30] EP (09405096.0) 2009-06-05

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[11] **2,768,182**
[13] C
[51] **Int.Cl. H04N 19/52 (2014.01) H04N 19/105 (2014.01) H04N 19/137 (2014.01) H04N 19/139 (2014.01) H04N 19/174 (2014.01) H04N 19/176 (2014.01) H04N 19/182 (2014.01) H04N 19/46 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ENCODING/DECODING MOTION VECTOR**
[54] **PROCEDE ET APPAREIL DE CODAGE/DECODAGE D'UN VECTEUR MOUVEMENT**
[72] LEE, TAMMY, KR
[72] HAN, WOO-JIN, KR
[72] LEE, KYO-HYUK, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2012-01-13
[86] 2010-08-13 (PCT/KR2010/005365)
[87] (WO2011/019247)
[30] KR (10-2009-0074896) 2009-08-13

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[11] **2,768,960**
[13] C
[51] **Int.Cl. A61B 17/80 (2006.01) A61B 17/58 (2006.01) A61B 17/70 (2006.01) A61B 17/86 (2006.01) A61F 2/44 (2006.01)**
[25] EN
[54] **BONE PLATE SCREW-BLOCKING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE BLOCAGE DE VIS DE PLAQUE VISSEE**
[72] WALKER, JOHN LAWRENCE, US
[72] PHILLIPS, JAMES MILTON, US
[72] JOHNSON, JEFFREY, US
[72] CUMMINS, JOHN FRANKLIN, US
[73] SPINAL USA, INC., US
[85] 2012-01-23
[86] 2010-07-23 (PCT/US2010/043106)
[87] (WO2011/011720)
[30] US (61/228,508) 2009-07-24

[11] **2,768,969**
[13] C
[51] **Int.Cl. A61B 17/80 (2006.01) A61B 17/58 (2006.01) A61B 17/70 (2006.01) A61B 17/86 (2006.01) A61F 2/44 (2006.01)**
[25] EN
[54] **BONE PLATE SYSTEM AND METHODS OF USING THE SAME**
[54] **SYSTEME DE PLAQUE D'OSTEOSYNTHESE ET PROCEDES D'UTILISATION DE CE DERNIER**
[72] CUMMINS, JOHN FRANKLIN, US
[73] SPINAL USA, INC., US
[85] 2012-01-23
[86] 2010-07-23 (PCT/US2010/043116)
[87] (WO2011/011726)
[30] US (61/228,521) 2009-07-24

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[11] **2,769,693**
[13] C
[51] **Int.Cl. B29C 70/20 (2006.01) B29B 11/16 (2006.01) B29C 53/04 (2006.01)**
[25] EN
[54] **METHOD OF MOLDING COMPLEX COMPOSITE PARTS USING PRE-PLIED MULTI-DIRECTIONAL CONTINUOUS FIBER LAMINATE**
[54] **PROCEDE DE MOULAGE DE PARTIES COMPOSITES COMPLEXES A L'AIDE D'UN STRATIFIE A FIBRE CONTINUE MULTIDIRECTIONNEL PREALABLEMENT ASSEMBLE**
[72] KWEDER, MATTHEW, US
[73] HEXCEL CORPORATION, US
[85] 2012-01-31
[86] 2010-08-21 (PCT/US2010/046253)
[87] (WO2011/034684)
[30] US (12/561,492) 2009-09-17

---

[11] **2,769,763**
[13] C
[51] **Int.Cl. A01N 25/02 (2006.01) A01N 59/00 (2006.01) A01N 59/08 (2006.01)**
[25] EN
[54] **METHOD FOR PHYSICAL PLANT TREATMENT**
[54] **PROCEDE DE TRAITEMENT PHYSIQUE DE VEGETAUX**
[72] PHILIPPS, ANDRE, DE
[72] CZECH, MANUEL, DE
[72] SAEFKOW, MICHAEL, DE
[73] SIMPLY WATER GMBH, DE
[85] 2012-02-01
[86] 2010-08-03 (PCT/EP2010/061298)
[87] (WO2011/015583)
[30] DE (10 2009 028 188.6) 2009-08-03

---

[11] **2,770,279**
[13] C
[51] **Int.Cl. B24B 3/54 (2006.01) B24B 3/36 (2006.01)**
[25] EN
[54] **NOVEL SHARPENERS TO CREATE CROSS-GRIND KNIFE EDGES**
[54] **NOUVEAUX AFFUTEURS POUR CREER DES TRANCHANTS A ENTAILLES TRANSVERSALES**
[72] ELEK, BELA, US
[72] FRIEL, DANIEL D., SR., US
[72] FRIEL, DANIEL D., JR., US
[73] EDGECRAFT CORPORATION, US
[85] 2012-02-03
[86] 2010-07-29 (PCT/US2010/043654)
[87] (WO2011/017185)
[30] US (61/232,065) 2009-08-07

---

[11] **2,770,630**
[13] C
[51] **Int.Cl. H04W 8/26 (2009.01) H04L 29/06 (2006.01)**
[25] EN
[54] **ACCOMMODATING HYBRID IPV4V6 NETWORK SUPPORT**
[54] **HEBERGEMENT D'UN SUPPORT DE RESEAU IPV4V6 HYBRIDE**
[72] WIJAYANATHAN, MAIYURAN, CA
[72] NAQVI, NOUSHAD, CA
[72] ARZELIER, CLAUDE JEAN-FREDERIC, GB
[73] BLACKBERRY LIMITED, CA
[85] 2012-02-09
[86] 2010-08-12 (PCT/GB2010/001534)
[87] (WO2011/018627)
[30] US (61/233,355) 2009-08-12

---

[11] **2,773,170**
[13] C
[51] **Int.Cl. F15B 15/10 (2006.01)**
[25] EN
[54] **THERMO-MAGNETIC ACTUATOR**
[54] **ACTIONNEUR THERMOMAGNETIQUE**
[72] DOUGLASS, STEPHEN L., US
[72] DAVIS, MICHAEL LEONARD, JR., US
[72] KAMINSKI, MICHAEL VICTOR, US
[72] KELLER, MICHAEL JAMES, US
[72] PINTZ, MICHAEL ADAM, US
[72] CICIGOI, GENE J., JR., US
[73] THERMOTION, LLC, US
[85] 2012-03-05
[86] 2010-04-22 (PCT/US2010/031984)
[87] (WO2011/037652)
[30] US (12/564,160) 2009-09-22

---

[11] **2,774,489**
[13] C
[51] **Int.Cl. B60R 9/10 (2006.01) B60R 9/06 (2006.01)**
[25] EN
[54] **BICYCLE RACK WITH RETRACTABLE SPOOL**
[54] **SUPPORT A BICYCLETTE DOTE D'UN ENROULEUR RETRACTABLE**
[72] PRESCOTT, KEITH, US
[72] FLAHERTY, JOSEPH R., US
[72] FIEGENER, JOHN D., US
[72] HANSON, THOMAS J., US
[72] MAKRIS, TIMOTHY J., US
[72] TINSTMAN, MICHAEL, US
[73] THULE SWEDEN AB, SE
[85] 2012-03-16
[86] 2010-09-22 (PCT/US2010/049885)
[87] (WO2011/038042)
[30] US (61/244,850) 2009-09-22

[11] **2,774,960**
[13] C
[51] **Int.Cl. H04L 29/06 (2006.01) H04N 7/24 (2011.01)**
[25] EN
[54] **ENHANCED BLOCK-REQUEST STREAMING USING URL TEMPLATES AND CONSTRUCTION RULES**
[54] **DIFFUSION EN FLUX DE DEMANDES DE BLOCS AMELIOREE UTILISANT DES MODELES ET REGLES DE CONSTRUCTION D'URL**
[72] LUBY, MICHAEL G., US
[72] WATSON, MARK, US
[72] VICISANO, LORENZO, US
[72] PAKZAD, PAYAM, US
[72] WANG, BIN, US
[72] STOCKHAMMER, THOMAS, US
[73] QUALCOMM INCORPORATED, US
[85] 2012-03-21
[86] 2010-09-22 (PCT/US2010/049869)
[87] (WO2011/038032)
[30] US (61/244,767) 2009-09-22
[30] US (61/257,719) 2009-11-03
[30] US (61/258,088) 2009-11-04
[30] US (61/285,779) 2009-12-11
[30] US (61/296,725) 2010-01-20
[30] US (61/372,399) 2010-08-10
[30] US (12/887,492) 2010-09-21

---

[11] **2,775,162**
[13] C
[51] **Int.Cl. G06F 11/36 (2006.01) G06Q 10/06 (2012.01)**
[25] EN
[54] **TEST DATA SUPPLY CHAIN MANAGER FOR AN INTEGRATED TESTING PLATFORM**
[54] **GESTIONNAIRE D'APPROVISIONNEMENT DE DONNEES D'ESSAI POUR UNE PLATEFORME D'ESSAI INTEGREE**
[72] BROWN, JULIAN M., GB
[72] SMITH, PETER J., GB
[72] WILLIAMS, STEPHEN M., GB
[72] STEELE, JASON A., GB
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2775162)
[87] (2775162)
[22] 2012-04-17
[30] US (61/476,489) 2011-04-18
[30] US (13/446,298) 2012-04-13

---

[11] **2,775,665**
[13] C
[51] **Int.Cl. C09B 61/00 (2006.01) A23L 5/40 (2016.01) A61K 9/14 (2006.01) A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61K 47/36 (2006.01) C09B 67/04 (2006.01)**
[25] EN
[54] **TURMERIC PIGMENT COMPOSITION AND METHOD FOR PREPARING SAME**
[54] **COMPOSITION DE PIGMENT DE TURMERIQUE ET SON PROCEDE DE PREPARATION**
[72] MIUCHI, TAKESHI, JP
[72] NISHINO, MASAYUKI, JP
[72] SASAKI, YASUSHI, JP
[72] MORIMOTO, TAKASHI, JP
[72] TANAKA, YOSHIHARU, JP
[73] SAN-EI GEN F.F.I., INC., JP
[85] 2012-03-27
[86] 2009-09-28 (PCT/JP2009/066823)
[87] (WO2011/036811)

---

[11] **2,776,164**
[13] C
[51] **Int.Cl. A61K 31/56 (2006.01) A61K 9/08 (2006.01) A61K 9/20 (2006.01) A61K 31/573 (2006.01) A61K 31/58 (2006.01) A61P 1/00 (2006.01)**
[25] EN
[54] **ORALLY ADMINISTERED CORTICOSTEROID COMPOSITIONS**
[54] **COMPOSITIONS DE CORTICOSTEROIDES ADMINISTREES PAR VOIE ORALE**
[72] VENKATESH, GOPI M., US
[72] PERRETT, STEPHEN, US
[72] COHEN, FREDRIC JAY, US
[73] ADARE PHARMACEUTICALS, INC., US
[85] 2012-03-29
[86] 2010-09-30 (PCT/US2010/050860)
[87] (WO2011/041509)
[30] US (61/247,642) 2009-10-01

---

[11] **2,776,546**
[13] C
[51] **Int.Cl. B28D 7/02 (2006.01) B23D 45/16 (2006.01) B23D 47/00 (2006.01) B23Q 11/00 (2006.01) B28D 1/04 (2006.01)**
[25] EN
[54] **POWER SAW APPARATUS WITH INTEGRATED DUST COLLECTOR**
[54] **APPAREIL DE SCIE DE PUISSANCE AVEC COLLECTEUR DE POUSSIERE INTEGRE**
[72] GUTH, PAUL W., US
[73] JPL GLOBAL, LLC, US
[85] 2012-04-02
[86] 2010-10-04 (PCT/US2010/051365)
[87] (WO2011/041799)
[30] US (12/587,234) 2009-10-02

---

[11] **2,778,677**
[13] C
[51] **Int.Cl. H02G 3/04 (2006.01) E04H 12/00 (2006.01) F21S 8/08 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR REDUCING WIRE THEFT FROM STREET LIGHT AND UTILITY POLES HAVING FRANGIBLE BASES**
[54] **PROCEDE ET APPAREIL POUR REDUIRE LE VOL DE FILS DANS LES POTEAUX DE LAMPADAIRES ET LES POTEAUX ELECTRIQUES POURVUS DE BASES FRANGIBLES**
[72] BUTLER, TIMOTHY EARNEST, CA
[73] BUTLER, TIMOTHY EARNEST, CA
[86] (2778677)
[87] (2778677)
[22] 2012-05-31

[11] **2,778,680**
[13] C
[51] **Int.Cl. C07D 519/04 (2006.01) A61K 31/52 (2006.01) A61K 31/522 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **N-CONTAINING HETEROARYL DERIVATIVES AS JAK3 KINASE INHIBITORS**
[54] **DERIVES HETEROARYLES CONTENANT N EN TANT QU'INHIBITEURS DE KINASE JAK3**
[72] ALMANSA ROSALES, CARMEN, ES
[72] SALAS SOLANA, JORGE, ES
[72] SOLIVA SOLIVA, ROBERT, ES
[72] RODRIGUEZ ESCRICH, SERGIO, ES
[72] SICRE GONZALEZ, MARIA CRISTINA, ES
[73] VECTURA LIMITED, GB
[85] 2012-04-23
[86] 2010-10-29 (PCT/EP2010/066476)
[87] (WO2011/051452)
[30] EP (09382233.6) 2009-10-29
[30] US (61/291,051) 2009-12-30
[30] US (61/329,927) 2010-04-30

---

[11] **2,779,826**
[13] C
[51] **Int.Cl. B01J 19/30 (2006.01)**
[25] EN
[54] **MICROFIBROUS MEDIA FOR OPTIMIZING AND CONTROLLING HIGHLY EXOTHERMIC AND HIGHLY ENDOTHERMIC REACTIONS/PROCESSES**
[54] **MILIEU DE MICROFIBRES DESTINE A OPTIMISER ET A COMMANDER DES REACTIONS/DES PROCEDES FORTEMENT EXOTHERMIQUES ET FORTEMENT ENDOTHERMIQUES**
[72] TATARCHUK, BRUCE, US
[72] YANG, HONGYUN, US
[72] KALLURI, RANJEETH, US
[72] CAHELA, DONALD, US
[73] AUBURN UNIVERSITY, US
[85] 2012-05-03
[86] 2010-11-05 (PCT/US2010/055733)
[87] (WO2011/057150)
[30] US (61/258,741) 2009-11-06

---

[11] **2,780,851**
[13] C
[51] **Int.Cl. A61K 41/00 (2006.01) A61K 35/74 (2015.01) A61P 35/00 (2006.01)**
[25] EN
[54] **USE OF CHAINS OF MAGNETOSOMES TO TREAT TUMORS BY HEAT THERAPY**
[54] **UTILISATION DES CHAINES DE MAGNETOSOMES POUR LE TRAITEMENT DE TUMEURS AU MOYEN DE THERAPIE PAR LA CHALEUR**
[72] ALPHANDERY, EDOUARD, FR
[72] FAURE, STEPHANIE, FR
[72] CHEBBI, IMENE, FR
[73] NANOBACTERIE, FR
[85] 2012-05-14
[86] 2010-11-18 (PCT/EP2010/067765)
[87] (WO2011/061259)
[30] US (61/262,260) 2009-11-18
[30] US (61/371,385) 2010-08-06

---

[11] **2,782,134**
[13] C
[51] **Int.Cl. C09K 17/40 (2006.01)**
[25] EN
[54] **SOIL REPELLENCY AQUEOUS DISPERSIONS, SOIL REPELLANT SOFT ARTICLES, AND METHODS OF MAKING THE SAME**
[54] **DISPERSIONS AQUEUSES ANTI-SALISSURE, ARTICLES MOUS ANTI-SALISSURE, ET PROCEDES DE FABRICATION ASSOCIES**
[72] IVERSON, ISAAC KEENE, US
[72] RUDAT, MARTIN AUGUST, US
[73] INVISTA TECHNOLOGIES S.A.R.L., CH
[85] 2012-05-28
[86] 2010-12-10 (PCT/US2010/059888)
[87] (WO2011/072223)
[30] US (61/285,425) 2009-12-10

---

[11] **2,782,462**
[13] C
[51] **Int.Cl. H04L 29/02 (2006.01) H04W 80/12 (2009.01) H04L 29/14 (2006.01)**
[25] EN
[54] **RELIABLE DELIVERY OF CONTENT TO A PUSH-STATE AWARE CLIENT DEVICE**
[54] **DISTRIBUTION FIABLE D'UN CONTENU A UN DISPOSITIF CLIENT SENSIBLE A L'ETAT SELECTIF**
[72] O'REILLY, JACOB SAMUEL, CA
[72] LEBLANC, MICHAEL, CA
[73] BLACKBERRY LIMITED, CA
[85] 2012-05-31
[86] 2010-11-30 (PCT/CA2010/001905)
[87] (WO2011/066645)
[30] US (61/265,928) 2009-12-02

---

[11] **2,783,345**
[13] C
[51] **Int.Cl. H04W 76/04 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS TO CONTROL HSDPA ACTIVATION/DE-ACTIVATION**
[54] **METHODE ET APPAREIL POUR CONTROLER L'ACTIVATION/DESACTIVATION DE L'ACCES AU PAQUET DESCENDANT HAUTE VITESSE**
[72] EKICI, OZGUR, CA
[73] BLACKBERRY LIMITED, CA
[86] (2783345)
[87] (2783345)
[22] 2012-07-24
[30] EP (11177133.3) 2011-08-10

[11] **2,784,334**
[13] C
[51] **Int.Cl. H04W 24/00 (2009.01) H04W 4/00 (2009.01)**
[25] EN
[54] **MULTIPLATFORM MANAGEMENT SYSTEM AND METHOD FOR MOBILE DEVICES**
[54] **SYSTEME ET METHODE DE GESTION MULTIPLATEFORME POUR DISPOSITIFS MOBILES**
[72] MORLEY, PAUL DOUGLAS, US
[72] DENNIS, MICHAEL WAYNE, US
[72] BILLINGS, NEIL ANDREW, CA
[72] SUSNJAR, ALEKSANDAR, CA
[73] BLACKBERRY LIMITED, CA
[86] (2784334)
[87] (2784334)
[22] 2012-08-01
[30] US (61/550,830) 2011-10-24
[30] US (13/412,337) 2012-03-05

---

[11] **2,784,394**
[13] C
[51] **Int.Cl. A61K 38/16 (2006.01) A61K 9/00 (2006.01) A61K 9/107 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **DEPOT SYSTEMS COMPRISING GLATIRAMER OR A PHARMACOLOGICALLY ACCEPTABLE SALT THEREOF**
[54] **SYSTEMES DE DEPOT COMPRENANT DU GLATIRAMER OU UN SEL PHARMACOLOGIQUEMENT ACCEPTABLE DE CELUI-CI**
[72] MAROM, EHUD, IL
[72] RUBNOV, SHAI, IL
[73] MAPI PHARMA LIMITED, IL
[85] 2012-06-14
[86] 2010-08-19 (PCT/IL2010/000679)
[87] (WO2011/080733)
[30] US (61/291,928) 2010-01-04

---

[11] **2,785,060**
[13] C
[51] **Int.Cl. A23G 3/54 (2006.01) A23G 3/36 (2006.01)**
[25] EN
[54] **HARD AND CRUNCHY CONFECTIONARY COATING**
[54] **ENROBAGE DE CONFISERIE DUR ET CROQUANT**
[72] HASELEU, ANDREA, GB
[72] BARKALOW, DAVID G., US
[72] ORR, ULESSES, US
[72] SOTO, MIGUEL A., US
[73] WM. WRIGLEY JR. COMPANY, US
[85] 2012-06-19
[86] 2010-12-22 (PCT/US2010/061726)
[87] (WO2011/082050)
[30] US (61/291,094) 2009-12-30

---

[11] **2,785,463**
[13] C
[51] **Int.Cl. C10L 10/16 (2006.01) C10L 1/14 (2006.01) C10L 1/16 (2006.01) C10L 1/196 (2006.01) C10L 1/197 (2006.01) C10L 1/198 (2006.01) C10L 10/14 (2006.01) C10L 1/22 (2006.01)**
[25] EN
[54] **COOLING ADDITIVES HAVING AN IMPROVED FLOW CAPABILITY**
[54] **ADDITIFS DE REFROIDISSEMENT AYANT UNE MEILLEURE APTITUDE A L'ECOULEMENT**
[72] KRULL, MATTHIAS, DE
[72] REIMANN, WERNER, DE
[72] DILSKY, STEFAN, DE
[72] GOETZKE, SABINE, DE
[73] CLARIANT FINANCE (BVI) LIMITED, VG
[85] 2012-06-22
[86] 2010-12-07 (PCT/EP2010/007406)
[87] (WO2011/076337)
[30] DE (10 2009 060 389.1) 2009-12-24

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[11] **2,786,390**
[13] C
[51] **Int.Cl. A63C 13/00 (2006.01)**
[25] EN
[54] **MOLDED SNOWSHOE WITH COMPOUND DECK**
[54] **RAQUETTE A NEIGE MOULEE AYANT UNE PLATEFORME COMPOSITE**
[72] SAMUELS, RUDY LUCAS, US
[72] BARCHET, CHRIS, US
[72] GRANDE, DODD, US
[72] LIN, RACHEL, US
[72] WILLIAMS, MARK S., US
[72] YOUMANS, SCOTT, US
[73] K-2 CORPORATION, US
[85] 2012-07-04
[86] 2011-01-21 (PCT/US2011/000116)
[87] (WO2011/090797)
[30] US (12/657,610) 2010-01-21

---

[11] **2,786,611**
[13] C
[51] **Int.Cl. G06F 9/46 (2006.01) G06F 15/16 (2006.01)**
[25] EN
[54] **MANAGING PRIVATE USE OF PROGRAM EXECUTION CAPACITY**
[54] **GESTION D'UTILISATION PRIVEE DE CAPACITE D'EXECUTION DE PROGRAMME**
[72] BRANDWINE, ERIC JASON, US
[72] GREENFIELD, JAMES ALFRED GORDON, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2012-07-06
[86] 2011-01-10 (PCT/US2011/020665)
[87] (WO2011/087982)
[30] US (12/686,273) 2010-01-12

[11] 2,786,655
[13] C
[51] Int.Cl. A61K 51/10 (2006.01) A61P 35/02 (2006.01)
[25] EN
[54] NOVEL RADIOIMMUNOCONJUGATES THAT BINDS HUMAN CD37
[54] NOUVEAUX RADIOIMMUNOCONJUGUES QUI LIENT LA CD37 HUMAINE
[72] LARSEN, ROY H., NO
[72] DAHLE, JOSTEIN, NO
[72] BRULAND, OYVIND S., NO
[73] NORDIC NANOVECTOR ASA, NO
[85] 2012-07-06
[86] 2011-01-28 (PCT/EP2011/051231)
[87] (WO2011/092295)
[30] US (61/299,524) 2010-01-29
[30] NO (20100143) 2010-01-29

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[11] 2,786,771
[13] C
[51] Int.Cl. E21B 47/24 (2012.01) G01V 1/40 (2006.01)
[25] EN
[54] PRESSURE RELEASE ENCODING SYSTEM FOR COMMUNICATING DOWNHOLE INFORMATION THROUGH A WELLBORE TO A SURFACE LOCATION
[54] SYSTEME DE CODAGE A DECHARGE DE PRESSION PERMETTANT DE COMMUNIQUER DES INFORMATIONS DE FOND A UN EMPLACEMENT DE SURFACE PAR L'INTERMEDIAIRE D'UN PUITS DE FORAGE
[72] CLOSE, DAVID, US
[73] NATIONAL OILWELL VARCO, L.P., US
[85] 2012-07-09
[86] 2011-01-04 (PCT/US2011/020084)
[87] (WO2011/084939)
[30] US (12/685,602) 2010-01-11

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[11] 2,787,136
[13] C
[51] Int.Cl. B25J 5/00 (2006.01) B62D 55/065 (2006.01) B62D 55/075 (2006.01)
[25] EN
[54] MOBILE ROBOT WITH MANIPULATOR ARM TRACTION DEVICE
[54] ROBOT MOBILE DOTE D'UN DISPOSITIF DE TRACTION DE BRAS MANIPULATEUR
[72] GOLDENBERG, ANDREW A., CA
[72] LIN, JUN, CA
[73] ENGINEERING SERVICES INC., CA
[85] 2012-07-13
[86] 2011-01-14 (PCT/CA2011/050018)
[87] (WO2011/085498)
[30] US (61/295,113) 2010-01-14

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[11] 2,787,646
[13] C
[51] Int.Cl. G01B 21/16 (2006.01) B25J 19/02 (2006.01) G01C 22/00 (2006.01) G01S 17/48 (2006.01)
[25] EN
[54] SYSTEMS AND METHODS FOR PROCESSING MAPPING AND MODELING DATA
[54] SYSTEMES ET PROCEDES DE TRAITEMENT DES DONNEES DE CARTOGRAPHIE ET DE MODELISATION
[72] CANTER, PETER, CA
[73] TRIMBLE NAVIGATION LIMITED, US
[85] 2012-07-19
[86] 2011-02-03 (PCT/US2011/000194)
[87] (WO2011/097018)
[30] US (61/337,549) 2010-02-05

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[11] 2,788,818
[13] C
[51] Int.Cl. H04M 1/2745 (2006.01) H04W 4/02 (2009.01) G06F 15/02 (2006.01) G06F 17/30 (2006.01)
[25] EN
[54] METHODS AND APPARATUS FOR CONTACT INFORMATION REPRESENTATION
[54] PROCEDES ET APPAREIL POUR LA REPRESENTATION D'INFORMATIONS DE CONTACT
[72] HANS, MARTIN, DE
[72] SCHMIDT, ANDREAS, DE
[73] APPLE INC., US
[85] 2012-08-01
[86] 2011-01-26 (PCT/US2011/022634)
[87] (WO2011/100113)
[30] US (12/704,449) 2010-02-11

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[11] 2,788,899
[13] C
[51] Int.Cl. H04L 12/24 (2006.01) G06F 9/44 (2006.01) H04L 12/16 (2006.01)
[25] EN
[54] WIDGET FRAMEWORK, REAL-TIME SERVICE ORCHESTRATION, AND REAL-TIME RESOURCE AGGREGATION
[54] SOCLE APPLICATIF DE COMPOSANT D'INTERFACE GRAPHIQUE, ORCHESTRATION DE SERVICE EN TEMPS REEL, ET AGREGATION DE RESSOURCES EN TEMPS REEL
[72] NI, BIN, US
[72] LAGUNAS, DIEGO, US
[72] LU, JUN, US
[72] REDDY, VENU, US
[72] KUMAR, RAMAMURTHY, US
[72] ROMDHANE, SAMI BEN, US
[73] PAYPAL, INC., US
[85] 2012-08-03
[86] 2011-01-21 (PCT/US2011/022109)
[87] (WO2011/097078)
[30] US (61/302,082) 2010-02-05
[30] US (12/754,564) 2010-04-05

[11] **2,789,441**
[13] C
[51] **Int.Cl. H04W 24/00 (2009.01) H04W 84/02 (2009.01) H04J 11/00 (2006.01)**
[25] EN
[54] **REFERENCE SIGNAL FOR A COORDINATED MULTI-POINT NETWORK IMPLEMENTATION**
[54] **SIGNAL DE REFERENCE POUR LA MISE EN OEUVRE COORDONNEE D'UN RESEAU MULTIPOINT**
[72] FONG, MO-HAN, CA
[72] YU, DONGSHENG, CA
[72] XU, HUA, CA
[72] NOVAK, ROBERT, CA
[72] GUO, SHIGUANG, CA
[72] CAI, ZHIJUN, US
[72] HEO, YOUN HYOUNG, CA
[73] BLACKBERRY LIMITED, CA
[85] 2012-08-09
[86] 2011-02-14 (PCT/US2011/024739)
[87] (WO2011/100676)
[30] US (61/304,364) 2010-02-12

[11] **2,789,630**
[13] C
[51] **Int.Cl. A61B 5/145 (2006.01) A61M 5/172 (2006.01)**
[25] EN
[54] **SYSTEMS, DEVICES AND METHODS TO DELIVER BIOLOGICAL FACTORS OR DRUGS TO A SUBJECT**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES POUR ADMINISTRER DES MEDICAMENTS OU DES FACTEURS BIOLOGIQUES A UN SUJET**
[72] DOYLE, FRANCIS J., III, US
[72] GROSMAN, BENYAMIN, US
[72] DASSAU, EYAL, US
[72] JAVANOVIC, LOIS, US
[72] ZISSER, HOWARD, US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[73] SANSUM DIABETES RESEARCH INSTITUTE, US
[85] 2012-08-10
[86] 2011-02-11 (PCT/US2011/024640)
[87] (WO2011/100624)
[30] US (61/303,555) 2010-02-11

[11] **2,790,602**
[13] C
[51] **Int.Cl. C07D 471/14 (2006.01) A61K 31/437 (2006.01) A61P 35/00 (2006.01) C07D 471/12 (2006.01)**
[25] EN
[54] **10'-FLUORINATED VINCA ALKALOIDS PROVIDE ENHANCED BIOLOGICAL ACTIVITY AGAINST MDR CANCER CELLS**
[54] **VINCA-ALCALOIDES 10'-FLUORES DOTES D'UNE ACTIVITE BIOLOGIQUE AUGMENTEE CONTRE LES CELLULES CANCEREUSES MULTIRESISTANTES**
[72] BOGER, DALE L., US
[73] THE SCRIPPS RESEARCH INSTITUTE, US
[85] 2012-08-21
[86] 2011-02-09 (PCT/US2011/024230)
[87] (WO2011/103007)
[30] US (61/306,786) 2010-02-22

[11] **2,790,663**
[13] C
[51] **Int.Cl. E21B 17/00 (2006.01) C23C 16/22 (2006.01) C23C 30/00 (2006.01) F16L 57/06 (2006.01)**
[25] EN
[54] **COATED SLEEVED OIL AND GAS WELL PRODUCTION DEVICES**
[54] **DISPOSITIFS DE PRODUCTION REVETUS ET MANCHONNES POUR PUITS DE PETROLE ET DE GAZ**
[72] BAILEY, JEFFREY R., US
[72] OZEKCIN, ADNAN, US
[72] JIN, HYUNWOO, US
[72] ERTAS, MEHMET D., US
[72] AYER, RAGHAVAN, US
[72] YEH, CHARLES, S., US
[72] BARRY, MICHAEL D., US
[72] HECKER, MICHAEL T., US
[72] BANGARU, NARASIMHA-RAO V. (DECEASED), US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2012-08-21
[86] 2010-02-22 (PCT/US2010/000502)
[87] (WO2011/102820)

[11] **2,790,776**
[13] C
[51] **Int.Cl. A61B 90/00 (2016.01) A01N 1/02 (2006.01) A61B 17/00 (2006.01) A61F 2/10 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR HARVESTING, STORING, AND IMPLANTING HAIR GRAFTS**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE PRELEVER, STOCKER ET IMPLANTER DES GREFFES DE CHEVEUX**
[72] OOSTMAN, CLIFFORD A., JR., US
[73] RESTORATION ROBOTICS, INC., US
[86] (2790776)
[87] (2790776)
[22] 2008-08-21
[62] 2,696,201
[30] US (60/997,188) 2007-09-29
[30] US (12/194,370) 2008-08-19

[11] **2,790,872**
[13] C
[51] **Int.Cl. A21C 11/20 (2006.01) A21D 8/02 (2006.01)**
[25] EN
[54] **APPARATUS FOR AND METHOD OF PROCESSING A FOODSTUFF, IN PARTICULAR FOR PROCESSING DOUGH**
[54] **APPAREIL ET METHODE DE TRAITEMENT DE PRODUITS ALIMENTAIRES, NOTAMMENT LA PATE**
[72] BRUNS, ANDREAS, DE
[72] DRESCHER, MIRKO, DE
[72] NILSSON, KERSTEN, DE
[72] KIEL, TOBIAS, DE
[73] VEMAG MASCHINENBAU GMBH, DE
[86] (2790872)
[87] (2790872)
[22] 2012-09-24
[30] DE (10 2011 083 356.0) 2011-09-23

[11] **2,790,876**
[13] C
[51] **Int.Cl. H04R 9/00 (2006.01)**
[25] EN
[54] **HEADSET AND EARPHONE**
[54] **CASQUE D'ECOUTE ET ECOUTEUR**
[72] GELHARD, OLIVER, DE
[73] SENNHEISER ELECTRONIC GMBH & CO. KG, DE
[86] (2790876)
[87] (2790876)
[22] 2012-09-24
[30] US (13/249,454) 2011-09-30

---

[11] **2,793,080**
[13] C
[51] **Int.Cl. F01D 11/00 (2006.01) F01D 25/24 (2006.01) F02C 7/28 (2006.01) F16J 15/02 (2006.01)**
[25] EN
[54] **BRUSH RING SEAL**
[54] **DISPOSITIF D'ETANCHEITE ANNULAIRE A BROSSE**
[72] MINDOCK, MICHAEL ARTHEN, III, US
[73] ELLIOTT COMPANY, US
[85] 2012-09-12
[86] 2011-04-27 (PCT/US2011/034075)
[87] (WO2011/139741)
[30] US (61/330,623) 2010-05-03

---

[11] **2,794,262**
[13] C
[51] **Int.Cl. H01G 4/38 (2006.01) H01G 4/33 (2006.01)**
[25] EN
[54] **THIN FILM CAPACITORS**
[54] **CONDENSATEURS A FILM MINCE**
[72] OAKES, JAMES, US
[72] MARTIN, JAMES, US
[72] HORNE, EDWARD PROVO WALLIS, US
[72] MCKINZIE, WILLIAM E., US
[73] BLACKBERRY LIMITED, CA
[86] (2794262)
[87] (2794262)
[22] 2012-11-05
[30] US (13/289,194) 2011-11-04

---

[11] **2,794,649**
[13] C
[51] **Int.Cl. A23J 1/02 (2006.01) A23J 3/04 (2006.01)**
[25] EN
[54] **PROCESS FOR ISOLATING A PROTEIN COMPOSITION AND A FAT COMPOSITION FROM MEAT TRIMMINGS**
[54] **PROCEDE PERMETTANT D'OBTENIR UNE COMPOSITION DE PROTEINES ET UNE COMPOSITION DE GRAISSES A PARTIR DE PARAGES DE VIANDE**
[72] KELLEHER, STEPHEN D., US
[72] FIELDING, WILLIAM R., US
[73] PROTEUS INDUSTRIES, INC., US
[85] 2012-09-26
[86] 2011-12-16 (PCT/US2011/001981)
[87] (WO2012/093988)
[30] US (61/460,324) 2011-01-03
[30] US (13/374,077) 2011-12-12

---

[11] **2,794,786**
[13] C
[51] **Int.Cl. A47J 31/36 (2006.01)**
[25] EN
[54] **EXTRACTION SYSTEM FOR THE PRODUCTION OF A DRINK USING A CAPSULE**
[54] **SYSTEME D'EXTRACTION POUR LA PRODUCTION D'UNE BOISSON A L'AIDE D'UNE CAPSULE**
[72] ETTER, STEFAN, CH
[73] NESTEC S.A., CH
[85] 2012-09-27
[86] 2011-03-25 (PCT/EP2011/054656)
[87] (WO2011/124484)
[30] EP (10159189.9) 2010-04-07

---

[11] **2,795,029**
[13] C
[51] **Int.Cl. E21B 7/04 (2006.01) E21B 7/10 (2006.01)**
[25] EN
[54] **APPARATUS FOR KEEPING A DOWNHOLE DRILLING TOOL VERTICALLY ALIGNED**
[54] **APPAREIL POUR MAINTENIR L'ALIGNEMENT VERTICAL D'UN OUTIL DE FORAGE DE PUITS**
[72] WENZEL, KENNETH, CA
[73] WENZEL, KENNETH, CA
[86] (2795029)
[87] (2795029)
[22] 2012-11-07

---

[11] **2,795,058**
[13] C
[51] **Int.Cl. C10G 65/04 (2006.01) C10G 45/08 (2006.01) C10G 45/64 (2006.01) C10G 47/14 (2006.01) C10G 47/18 (2006.01)**
[25] EN
[54] **HYDROPROCESSING OF GAS OIL BOILING RANGE FEEDS**
[54] **HYDROTRANSFORMATION DE PRODUITS DE DEPART DANS L'INTERVALLE D'EBULLITION DU GAZOLE**
[72] SHIH, STUART S., US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2012-09-28
[86] 2011-03-31 (PCT/US2011/030660)
[87] (WO2011/123598)
[30] US (61/341,453) 2010-03-31

---

[11] **2,795,079**
[13] C
[51] **Int.Cl. H04L 12/751 (2013.01) H04W 40/24 (2009.01) H04L 12/701 (2013.01) H04L 12/58 (2006.01)**
[25] EN
[54] **AUTO-DISCOVERY OF DIVERSE COMMUNICATIONS DEVICES FOR ALERT BROADCASTING**
[54] **AUTO-DECOUVERTE DE DIVERS DISPOSITIFS DE COMMUNICATION POUR UNE DIFFUSION D'ALERTE**
[72] ABU-HAKIMA, SUHAYYA, CA
[72] GRIGG, KENNETH E., CA
[72] MCFARLAND, CONNIE, CA
[72] GUEVREMONT, VINCE, CA
[72] PISKORZ , OSKAR, CA
[72] CHRISTIE, COLIN, CA
[73] ABU-HAKIMA, SUHAYYA, CA
[73] GRIGG, KENNETH E., CA
[85] 2012-10-01
[86] 2010-04-09 (PCT/CA2010/000510)
[87] (WO2011/123919)

[11] **2,796,778**
[13] C
[51] **Int.Cl. H04N 19/635 (2014.01) H04N 21/44 (2011.01) H04N 19/176 (2014.01) H04N 19/44 (2014.01) H04N 19/61 (2014.01) H04N 19/80 (2014.01)**
[25] EN
[54] **METHODS AND DEVICES FOR ENCODING AND DECODING TRANSFORM DOMAIN FILTERS**
[54] **METHODES ET DISPOSITIFS DE CODAGE ET DECODAGE DE FILTRE DE DOMAINE DE TRANSFORMATION**
[72] WANG, JING, CA
[72] YU, XIANG, CA
[72] HE, DAKE, CA
[72] CAMPBELL, STEVEN WAYNE, CA
[73] BLACKBERRY LIMITED, CA
[86] (2796778)
[87] (2796778)
[22] 2012-11-20
[30] US (61/562,294) 2011-11-21

---

[11] **2,796,924**
[13] C
[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/712 (2006.01) A61P 21/00 (2006.01) C07H 21/00 (2006.01) C07H 21/04 (2006.01) C12N 15/11 (2006.01)**
[25] EN
[54] **ENA NUCLEIC ACID PHARMACEUTICALS CAPABLE OF MODIFYING SPLICING OF MRNA PRECURSORS**
[54] **PRODUITS PHARMACEUTIQUES A BASE D'ACIDE NUCLEIQUE ENA CAPABLES DE MODIFIER L'EPISSAGE DE PRECURSEURS D'ARNM**
[72] MATSUO, MASAFUMI, JP
[72] TAKESHIMA, YASUHIRO, JP
[72] KOIZUMI, MAKOTO, JP
[73] MATSUO, MASAFUMI, JP
[73] TAKESHIMA, YASUHIRO, JP
[73] DAIICHI SANKYO COMPANY, LIMITED, JP
[73] ORPHAN DISEASE TREATMENT INSTITUTE CO., LTD., JP
[86] (2796924)
[87] (2796924)
[22] 2003-11-21
[62] 2,507,125
[30] JP (2002-340857) 2002-11-25
[30] JP (2003-204381) 2003-07-31

---

[11] **2,797,262**
[13] C
[51] **Int.Cl. G01S 7/52 (2006.01)**
[25] EN
[54] **IMAGING METHOD AND APPARATUS USING SHEAR WAVES**
[54] **PROCEDE ET APPAREIL DE REALISATION D'IMAGE UTILISANT DES ONDES DE CISAILLEMENT**
[72] MONTALDO, GABRIEL, FR
[72] BERCOFF, JEREMY, FR
[72] TANTER, MICKAEL, FR
[72] FINK, MATHIAS, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS, FR
[73] SUPER SONIC IMAGINE, FR
[73] UNIVERSITE PARIS DIDEROT - PARIS 7, FR
[85] 2012-10-16
[86] 2010-04-20 (PCT/IB2010/001282)
[87] (WO2011/132014)

---

[11] **2,797,853**
[13] C
[51] **Int.Cl. C12P 21/06 (2006.01) C12P 21/00 (2006.01) C07K 1/107 (2006.01) C07K 17/02 (2006.01)**
[25] EN
[54] **PROTEASE CATALYZED IN SITU END CAPPING OF OLIGOPEPTIDES IN AQUEOUS MEDIA**
[54] **COIFFE D'EXTREMITE IN SITU CATALYSEE PAR PROTEASE D'OLIGOPEPTIDES DANS DES MILIEUX AQUEUX**
[72] GROSS, RICHARD A., US
[72] VISWANATHAN, KODANDARAMAN, US
[73] POLYTECHNIC INSTITUTE OF NEW YORK UNIVERSITY, US
[85] 2012-10-29
[86] 2011-05-12 (PCT/US2011/036189)
[87] (WO2011/143383)
[30] US (61/334,311) 2010-05-13
[30] US (13/106,132) 2011-05-12

---

[11] **2,797,929**
[13] C
[51] **Int.Cl. H01J 49/02 (2006.01) H01J 49/06 (2006.01)**
[25] EN
[54] **MASS SPECTROMETRY DETECTOR SYSTEM AND METHOD OF DETECTION**
[54] **SYSTEME DETECTEUR POUR SPECTROMETRIE DE MASSE ET PROCEDE DE DETECTION**
[72] MAKAROV, ALEXANDER, DE
[72] GIANNAKOPULOS, ANASTASSIOS, DE
[73] THERMO FISHER SCIENTIFIC (BREMEN) GMBH, DE
[85] 2012-10-30
[86] 2011-05-24 (PCT/EP2011/058415)
[87] (WO2011/147804)
[30] GB (1008876.3) 2010-05-27

---

[11] **2,798,098**
[13] C
[51] **Int.Cl. A61K 35/768 (2015.01) A61P 35/00 (2006.01) C07K 14/015 (2006.01) C07K 16/08 (2006.01) C12N 5/10 (2006.01) C12N 7/00 (2006.01) C12N 7/01 (2006.01) C12N 15/35 (2006.01) C12N 15/864 (2006.01)**
[25] EN
[54] **MODIFIED RODENT PARVOVIRUS CAPABLE OF PROPAGATING AND SPREADING THROUGH HUMAN GLIOMAS**
[54] **PARVOVIRUS DE RONGEUR MODIFIE CAPABLE DE SE PROPAGER ET DE S'ETALER A TRAVERS LE GLIOME HUMAIN**
[72] NUEESCH, JUERG, DE
[72] THOMAS, NADJA, DE
[72] PLOTZKY, CLAUDIA, DE
[72] ROMMELAERE, JEAN, DE
[73] DEUTSCHES KREBSFORSCHUNGSZENTRUM, DE
[85] 2012-11-01
[86] 2011-05-09 (PCT/EP2011/002306)
[87] (WO2011/138053)
[30] EP (10004897.4) 2010-05-07

[11] **2,798,278**
[13] C
[51] **Int.Cl. B23P 15/26 (2006.01) F28F 1/44 (2006.01) F28F 3/12 (2006.01)**
[25] EN
[54] **METHOD OF MAKING A HEAT EXCHANGE COMPONENT USING WIRE MESH SCREENS**
[54] **PROCEDE DE FABRICATION DE COMPOSANT D'ECHANGE THERMIQUE AU MOYEN DE TAMIS EN TREILLIS METALLIQUES**
[72] MATTE, ERIC, CA
[72] CORBEIL, ANTOINE, CA
[72] BERUBE, GREGOIRE, CA
[72] HOUDE, MICHEL, CA
[73] 9343598 CANADA INC., CA
[85] 2012-11-02
[86] 2011-05-04 (PCT/CA2011/000526)
[87] (WO2011/137522)
[30] US (12/773,606) 2010-05-04

---

[11] **2,798,296**
[13] C
[51] **Int.Cl. C08L 27/06 (2006.01) C08K 5/00 (2006.01) C08K 5/1515 (2006.01) H01B 3/44 (2006.01)**
[25] EN
[54] **FLEXIBLE PVC COMPOSITIONS MADE WITH PLASTICIZERS DERIVED FROM RENEWABLE SOURCES**
[54] **COMPOSITIONS DE PVC SOUPLE FABRIQUEES AVEC DES PLASTIFIANTS DERIVES DE SOURCES RENOUVELABLES**
[72] CHAUDHARY, BHARAT I., US
[73] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2012-11-01
[86] 2011-05-04 (PCT/US2011/035143)
[87] (WO2011/143028)
[30] US (61/332,848) 2010-05-10

---

[11] **2,799,780**
[13] C
[51] **Int.Cl. H01M 2/02 (2006.01) C09D 5/18 (2006.01) C09K 21/14 (2006.01)**
[25] EN
[54] **METHOD OF PROTECTING BATTERY CELLS AND BATTERIES WHICH CONTAIN BATTERY CELLS AND PROTECTED BATTERY CELLS AND BATTERIES WHICH CONTAIN BATTERY CELLS**
[54] **PROCEDE PERMETTANT DE PROTEGER DES ELEMENTS DE BATTERIE ET BATTERIES QUI CONTIENNENT LES ELEMENTS DE BATTERIE ET LES ELEMENTS DE BATTERIE PROTEGES ET BATTERIES QUI CONTIENNENT LES ELEMENTS DE BATTERIE**
[72] SMITH, JEFFREY, US
[72] WILSON, RICHARD A., US
[73] BLUEFIN ROBOTICS CORPORATION, US
[85] 2012-11-16
[86] 2011-06-07 (PCT/US2011/039409)
[87] (WO2011/156345)
[30] US (61/344,188) 2010-06-07

---

[11] **2,800,183**
[13] C
[51] **Int.Cl. G06T 17/05 (2011.01) G01V 1/48 (2006.01) G06T 1/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM OF RENDERING WELL LOG VALUES**
[54] **PROCEDE ET SYSTEME DE RENDU DE VALEURS DE DIAGRAPHIE**
[72] LIN, CHING-RONG, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2012-11-21
[86] 2010-05-27 (PCT/US2010/036296)
[87] (WO2011/149460)

---

[11] **2,802,860**
[13] C
[51] **Int.Cl. G08G 1/082 (2006.01) G08G 1/081 (2006.01) G08G 1/087 (2006.01)**
[25] EN
[54] **CONTROL OF TRAFFIC SIGNAL PHASES**
[54] **CONTROLE DE PHASES DE SIGNAUX DE TRAFIC**
[72] JOHNSON, DAVID RANDAL, US
[72] EICHHORST, KEVIN, US
[73] GLOBAL TRAFFIC TECHNOLOGIES, LLC, US
[85] 2012-12-14
[86] 2011-06-14 (PCT/US2011/040367)
[87] (WO2011/159710)
[30] US (12/815,790) 2010-06-15

---

[11] **2,803,050**
[13] C
[51] **Int.Cl. A47D 1/10 (2006.01)**
[25] EN
[54] **BABY CRADLE AND MOUNTING DEVICE**
[54] **BERCEAU POUR BEBE ET DISPOSITIF DE MONTAGE**
[72] OPSVIK, PETER, NO
[72] EIDSVIK, INGEGJERD, NO
[73] STOKKE AS, NO
[73] PETER OPSVIK AS, NO
[85] 2012-12-17
[86] 2011-06-23 (PCT/NO2011/000180)
[87] (WO2011/162618)
[30] NO (20100918) 2010-06-24

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[11] **2,804,034**
[13] C
[51] **Int.Cl. A61K 31/395 (2006.01) C07D 471/04 (2006.01) C07K 5/097 (2006.01)**
[25] EN
[54] **PRODRUGS OF HETERAROMATIC COMPOUNDS**
[54] **PROMEDICAMENTS DE COMPOSES HETEROAROMATIQUES**
[72] BLUMBERG, LAURA COOK, US
[72] ALMARSSON, ORN, US
[73] ALKERMES PHARMA IRELAND LIMITED, US
[85] 2012-07-03
[86] 2010-12-23 (PCT/US2010/062085)
[87] (WO2011/084848)
[30] US (61/292,998) 2010-01-07

[11] **2,805,658**
[13] C
[51] **Int.Cl. A61K 31/517 (2006.01) A61P 35/00 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY WITH MDM2 AND EGFR INHIBITORS**
[54] **POLYTHERAPIE BASEE SUR DES INHIBITEURS DE MDM2 ET EGFR**
[72] ERRICO, JOSEPH P., US
[72] MUGRAGE, BENJAMIN, US
[72] TURCHI, IGNATIUS, US
[72] SILLS, MATTHEW, US
[72] ONG, JANE, US
[72] ALLOCCO, JOHN, US
[72] WINES, PAM, US
[72] BASTOS, MARGARITA, US
[73] ERRICO, JOSEPH P., US
[85] 2013-01-15
[86] 2011-07-21 (PCT/US2011/044882)
[87] (WO2012/012653)
[30] US (61/366,480) 2010-07-21
[30] US (PCT/US2011/020418) 2011-01-06
[30] US (PCT/US2011/020414) 2011-01-06
[30] US (12/986,146) 2011-01-06

---

[11] **2,805,977**
[13] C
[51] **Int.Cl. A61B 17/56 (2006.01)**
[25] EN
[54] **EXPANSION AND COMPRESSION INSTRUMENT FOR FRACTURE FIXATION**
[54] **INSTRUMENT D'EXPANSION ET DE COMPRESSION POUR LA FIXATION DE FRACTURES**
[72] MEDOFF, ROBERT J., US
[72] TELLMAN, LUKAS, US
[73] TRIMED, INCORPORATED, US
[86] (2805977)
[87] (2805977)
[22] 2013-02-14
[30] US (13/434,294) 2012-03-29

---

[11] **2,806,215**
[13] C
[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/19 (2006.01) A61M 5/50 (2006.01)**
[25] EN
[54] **DUAL CHAMBER SYRINGE WITH RETRACTABLE NEEDLE**
[54] **SERINGUE A DEUX CHAMBRES POURVUE D'UNE AIGUILLE RETRACTABLE**
[72] ZIVKOVIC, IVAN, US
[72] HAGER, JORGEN, SE
[72] HANDBERG, ULF, SE
[72] HANNER, GERT, SE
[72] HOLMA, THOMAS, SE
[72] WAHLBERG, ULF, SE
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2013-01-21
[86] 2011-07-21 (PCT/US2011/044792)
[87] (WO2012/012601)
[30] US (61/366,874) 2010-07-22
[30] US (13/187,101) 2011-07-20

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[11] **2,807,031**
[13] C
[51] **Int.Cl. G06F 3/0482 (2013.01) G06F 3/14 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ADJUSTING A USER INTERFACE TO REDUCE OBSCURATION**
[54] **PROCEDE ET APPAREIL POUR AJUSTER UNE INTERFACE UTILISATEUR AFIN DE REDUIRE L'OBSCURCISSEMENT**
[72] THORSANDER, SIMON MARTIN, SE
[72] JOHANSSON, PER AKE DANIEL, SE
[72] ANDERSSON REIMER, NILS ROGER, SE
[72] LESSING, ROBERT SIMON, SE
[72] ARBSJOE, JONAS OVE, SE
[72] BOMAN, CHARLES ANTON NILSSON, SE
[72] DREN, ANDREAS PAL, SE
[72] ELDESSOUKI, AHMED ELSAEED MOHAMED GAD, CA
[73] BLACKBERRY LIMITED, CA
[86] (2807031)
[87] (2807031)
[22] 2013-02-22
[30] US (61/602,945) 2012-02-24
[30] EP (12176606.7) 2012-07-16

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[11] **2,807,173**
[13] C
[51] **Int.Cl. A61H 3/04 (2006.01) A61H 3/00 (2006.01) B62K 17/00 (2006.01) B62L 1/02 (2006.01)**
[25] EN
[54] **KNEE WALKER**
[54] **TROTTEUR A GENOUX**
[72] WALTHER, LINDA M., US
[72] ABERNATHEY, ETHAN S., US
[72] ADHIKARI, ISHWOR P., US
[72] KUTSCH, JOHN H., US
[72] LACKOWSKI, VINCENT R., US
[73] MEDLINE INDUSTRIES, INC., US
[85] 2013-01-30
[86] 2011-08-16 (PCT/US2011/047880)
[87] (WO2012/024275)
[30] US (12/860,318) 2010-08-20

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[11] **2,807,575**
[13] C
[51] **Int.Cl. G01V 1/32 (2006.01) E21B 47/00 (2012.01) G01V 1/30 (2006.01) G01V 9/00 (2006.01) G01V 1/36 (2006.01)**
[25] EN
[54] **SIMULTANEOUS SOURCE ENCODING AND SOURCE SEPARATION AS A PRACTICAL SOLUTION FOR FULL WAVEFIELD INVERSION**
[54] **CODAGE ET SEPARATION DE SOURCE SIMULTANES FORMANT UNE SOLUTION PRATIQUE POUR UNE INVERSION DE CHAMP D'ONDES COMPLET**
[72] ROUTH, PARTHA S., US
[72] LEE, SUNWOONG, US
[72] NEELAMANI, RAMESH, US
[72] KREBS, JEROME R., US
[72] LAZARATOS, SPYRIDON, US
[72] MARCINKOVICH, CAREY, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2013-02-05
[86] 2011-08-15 (PCT/US2011/047770)
[87] (WO2012/047378)
[30] US (61/386,831) 2010-09-27

[11] **2,807,630**
[13] C
[51] **Int.Cl. G01N 21/01 (2006.01) G01N 21/47 (2006.01)**
[25] EN
[54] **ANNULAR OPTICAL DEVICE**
[54] **DISPOSITIF OPTIQUE ANNULAIRE**
[72] PALUMBO, PERRY A., US
[73] HACH COMPANY, US
[85] 2013-02-06
[86] 2011-08-01 (PCT/US2011/046105)
[87] (WO2012/018717)
[30] US (61/371,381) 2010-08-06

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[11] **2,809,248**
[13] C
[51] **Int.Cl. B03D 1/00 (2006.01) B01D 19/00 (2006.01) B03B 9/02 (2006.01) C10C 3/00 (2006.01) C10G 1/04 (2006.01)**
[25] EN
[54] **PROCESSES AND SYSTEMS FOR PRE-TREATING BITUMEN FROTH FOR FROTH TREATMENT**
[54] **PROCEDES ET SYSTEMES DE PRETRAITEMENT DE MOUSSE DE BITUME POUR TRAITEMENT DE MOUSSE**
[72] HANN, THOMAS CHARLES, CA
[72] VAN DER MERWE, SHAWN, CA
[73] FORT HILLS ENERGY L.P., CA
[86] (2809248)
[87] (2809248)
[22] 2013-03-08

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[11] **2,810,615**
[13] C
[51] **Int.Cl. B29C 73/10 (2006.01)**
[25] EN
[54] **PROCESSES FOR REPAIRING COMPLEX LAMINATED COMPOSITES**
[54] **PROCEDE DE REPARATION DE COMPOSITES STRATIFIES COMPLEXES**
[72] WHITWORTH, DENVER R., US
[72] NOTTORF, ERIC W., US
[72] CRIBB, VANCE N., III, US
[72] JITARIU, DUMITRU, US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2810615)
[87] (2810615)
[22] 2013-03-27
[30] US (13/433,106) 2012-03-28

---

[11] **2,810,773**
[13] C
[51] **Int.Cl. C12N 1/14 (2006.01) A01H 17/00 (2006.01) A01N 63/04 (2006.01) B09C 1/10 (2006.01) C05F 11/08 (2006.01)**
[25] EN
[54] **METHOD FOR INCREASING PLANT GROWTH USING THE FUNGUS TRICHODERMA HARZIANUM**
[54] **PROCEDE POUR AUGMENTER LA CROISSANCE VEGETALE A L'AIDE DU CHAMPIGNON TRICHODERMA HARZIANUM**
[72] KAMINSKYJ, SUSAN GAIL WILLETS, CA
[72] BASINGER, JAMES FREDERICK, CA
[72] BAO, XIAOHUI, CA
[72] RODRIGUEZ, RUSSELL JOHN, US
[72] REDMAN, REGINA SOON, US
[73] UNIVERSITY OF SASKATCHEWAN, CA
[73] UNIVERSITY OF WASHINGTON, US
[85] 2013-03-07
[86] 2010-09-16 (PCT/CA2010/001454)
[87] (WO2011/032281)
[30] US (61/243,340) 2009-09-17

---

[11] **2,811,682**
[13] C
[51] **Int.Cl. G01N 27/62 (2006.01)**
[25] EN
[54] **FAIMS APPARATUS AND METHOD COMPRISING AN ION SEPARATION CHANNEL OF HELICAL SHAPE**
[54] **APPAREIL ET PROCEDE A MOBILITE D'IONS A FORME D'ONDE A CHAMP ELEVE COMPRENANT UN CANAL DE SEPARATION D'IONS DE FORME HELICOIDALE**
[72] GIANNAKOPULOS, ANASTASSIOS, DE
[73] THERMO FISHER SCIENTIFIC (BREMEN) GMBH, DE
[85] 2013-03-19
[86] 2011-09-08 (PCT/EP2011/065585)
[87] (WO2012/038268)
[30] GB (1015787.3) 2010-09-20
[30] GB (1015783.2) 2010-09-20
[30] GB (1015785.7) 2010-09-20
[30] GB (1015786.5) 2010-09-20

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[11] **2,812,085**
[13] C
[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/62 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR REDUCING ENERGY REQUIREMENTS OF A CO2 CAPTURE SYSTEM**
[54] **PROCEDE ET SYSTEME DE REDUCTION DES BESOINS ENERGETIQUES D'UN SYSTEME DE CAPTURE DE CO2**
[72] NAUMOVITZ, JOSEPH P., US
[72] KOCH, MICHAEL, NO
[73] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[85] 2013-03-12
[86] 2011-08-29 (PCT/US2011/049493)
[87] (WO2012/036878)
[30] US (61/382,205) 2010-09-13
[30] US (13/196,172) 2011-08-02

---

[11] **2,812,258**
[13] C
[51] **Int.Cl. A61K 31/4709 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METHOD OF INHIBITING MUTANT C-KIT**
[54] **PROCEDE D'INHIBITION DE C-KIT MUTANTE**
[72] JAIN, VINAY K., US
[73] AROG PHARMACEUTICALS, INC., US
[86] (2812258)
[87] (2812258)
[22] 2013-04-10
[30] US (61/705,838) 2012-09-26

[11] **2,812,288**
[13] C
[51] **Int.Cl. G06F 3/048 (2013.01) G06F 3/041 (2006.01)**
[25] EN
[54] **PORTABLE ELECTRONIC DEVICE AND METHOD OF CONTROLLING SAME**
[54] **DISPOSITIF ELECTRONIQUE PORTABLE ET SON PROCEDE DE COMMANDE**
[72] DIPPEL, JEFFERY JOHN PAUL, CA
[72] BIRON, BENJAMIN, CA
[72] SAVARD, PATRICK-ANDRE, CA
[72] LAZARIDIS, MIHAL, CA
[72] DODGE, DANNY THOMAS, CA
[72] LINDSAY, DONALD JAMES, CA
[73] 2236008 ONTARIO INC., CA
[73] BLACKBERRY LIMITED, CA
[85] 2013-03-15
[86] 2011-09-23 (PCT/US2011/053061)
[87] (WO2012/040616)
[30] US (61/386,219) 2010-09-24

---

[11] **2,813,106**
[13] C
[51] **Int.Cl. A47L 15/48 (2006.01)**
[25] EN
[54] **A DISHWASHER COMPRISING A DEHUMIDIFYING UNIT**
[54] **LAVE-VAISSELLE COMPRENANT UNE UNITE DE DESHUMIDIFICATION**
[72] KOC, YUSUF, TR
[72] KANTAS, MURAT, TR
[73] ARCELIK ANONIM SIRKETI, TR
[85] 2013-03-28
[86] 2011-11-11 (PCT/EP2011/069891)
[87] (WO2012/062886)
[30] TR (A 2010/09477) 2010-11-12

---

[11] **2,813,474**
[13] C
[51] **Int.Cl. C09D 11/34 (2014.01) C09D 11/38 (2014.01)**
[25] EN
[54] **PHASE CHANGE INKS COMPRISING INORGANIC NUCLEATING AGENTS**
[54] **ENCRES A CHANGEMENT DE PHASE COMPRENANT DES AGENTS DE NUCLEATION INORGANIQUES**
[72] VANBESIEN, DARYL W., CA
[72] BELELIE, JENNIFER L., CA
[72] IFTIME, GABRIEL, CA
[72] CHOPRA, NAVEEN, CA
[72] MORIMITSU, KENTARO, CA
[72] ODELL, PETER G., CA
[73] XEROX CORPORATION, US
[86] (2813474)
[87] (2813474)
[22] 2013-04-19
[30] US (13/456,993) 2012-04-26

---

[11] **2,813,934**
[13] C
[51] **Int.Cl. C07J 63/00 (2006.01) A61K 31/575 (2006.01) C07J 53/00 (2006.01) C30B 7/00 (2006.01)**
[25] EN
[54] **POLYMORPHS OF CDDO ETHYL ESTER AND USES THEREOF**
[54] **POLYMORPHES D'ESTER ETHYLIQUE CDDO ET LEURS UTILISATIONS**
[72] ZHANG, XIAOHONG, CN
[72] LU, SONG, CN
[72] SUN, WENDONG, CN
[72] LIU, KAIYANG, CN
[72] HAN, CHUNLEI, CN
[73] APPLIED PHARMACEUTICAL SCIENCE, INC., CN
[73] WANG, ZHIJIAN, CN
[73] ZHANG, XIAOHONG, CN
[85] 2013-04-24
[86] 2012-12-06 (PCT/CN2012/086045)
[87] (WO2014/048033)
[30] CN (PCT/CN2012/082278) 2012-09-28

---

[11] **2,814,593**
[13] C
[51] **Int.Cl. B21D 22/22 (2006.01) B30B 1/26 (2006.01) B30B 15/14 (2006.01)**
[25] EN
[54] **DRAWING PRESS WITH DYNAMICALLY OPTIMIZED BLANK HOLDING**
[54] **PRESSE D'EMBOUTISSAGE A RETENUE DYNAMIQUE OPTIMISEE DE LA TOLE**
[72] SCHOELLHAMMER, DIETMAR, DE
[73] SCHULER PRESSEN GMBH, DE
[85] 2013-04-12
[86] 2011-10-14 (PCT/EP2011/068041)
[87] (WO2012/062532)
[30] DE (10 2010 060 103.9) 2010-10-21

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[11] **2,814,720**
[13] C
[51] **Int.Cl. G01N 21/64 (2006.01) G01J 3/00 (2006.01) G01N 27/447 (2006.01)**
[25] EN
[54] **MICRO FLUIDIC OPTIC DESIGN**
[54] **CONCEPTION OPTIQUE MICROFLUIDIQUE**
[72] TROST, PETER KARL, US
[72] EGAN, MICHAEL E., US
[72] SOUTH, DOUG, US
[73] LOCKHEED MARTIN CORPORATION, US
[85] 2013-04-12
[86] 2011-10-14 (PCT/US2011/056357)
[87] (WO2012/051529)
[30] US (61/393,574) 2010-10-15

---

[11] **2,814,808**
[13] C
[51] **Int.Cl. G01S 1/72 (2006.01) A01K 99/00 (2006.01) H01H 35/00 (2006.01)**
[25] EN
[54] **ACOUSTIC TAG HAVING A DIGESTIBLE FUSE**
[54] **MARQUEUR ACOUSTIQUE COMPORTANT UN FUSIBLE DIGESTIBLE**
[72] ALLEN, WILLIAM W., US
[72] HEMMINGS, SCOTT E., US
[72] JOHNSTON, SAMUEL V., US
[73] HYDROACOUSTIC TECHNOLOGY INC., US
[86] (2814808)
[87] (2814808)
[22] 2013-05-03
[30] US (13/751,408) 2013-01-28

[11] **2,814,857**
[13] C
[51] **Int.Cl. A61K 9/28 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PHARMACEUTICAL PRODUCTION**
[54] **DISPOSITIF ET PROCEDE DE PRODUCTION DE PRODUITS PHARMACEUTIQUES**
[72] CLARKE, ALLAN J., US
[72] DOUGHTY, DAVID GEORGE, GB
[72] FIESSER, FREDERICK H., US
[72] RUDD, DAVID R., GB
[72] TAINSH, DAVID A., GB
[72] WAGNER, DAVID S., GB
[73] GLAXOSMITHKLINE LLC, US
[86] (2814857)
[87] (2814857)
[22] 2005-06-09
[62] 2,569,976
[30] US (60/578,245) 2004-06-09
[30] US (60/621,992) 2004-10-25

---

[11] **2,815,086**
[13] C
[51] **Int.Cl. C05F 7/00 (2006.01) C02F 3/30 (2006.01) C05D 9/00 (2006.01) C05F 17/00 (2006.01)**
[25] EN
[54] **ORGANIC FERTILIZER AND METHOD OF ITS PRODUCTION**
[54] **ENGRAIS ORGANIQUE ET PROCEDE POUR LE PRODUIRE**
[72] SCHULMANN, JAN, CZ
[73] MANETECH, A.S., CZ
[85] 2013-04-18
[86] 2011-10-17 (PCT/CZ2011/000101)
[87] (WO2012/055379)
[30] CZ (PV 2010-778) 2010-10-26

---

[11] **2,815,671**
[13] C
[51] **Int.Cl. G02B 6/00 (2006.01) F24J 2/06 (2006.01)**
[25] EN
[54] **REDIRECTING OPTICS FOR CONCENTRATION AND ILLUMINATION SYSTEMS**
[54] **ELEMENTS OPTIQUES DE REORIENTATION DESTINES A DES SYSTEMES DE CONCENTRATION ET D'ECLAIRAGE**
[72] GHOSH, SHONDIP, US
[72] SCHULTZ, DAVID SHELDON, US
[73] BANYAN ENERGY, INC., US
[85] 2013-04-23
[86] 2011-10-26 (PCT/US2011/057876)
[87] (WO2012/058304)
[30] US (61/407,772) 2010-10-28
[30] US (12/939,348) 2010-11-04

---

[11] **2,815,672**
[13] C
[51] **Int.Cl. H04B 1/04 (2006.01) H03H 7/38 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TUNING ANTENNAS IN A COMMUNICATION DEVICE**
[54] **PROCEDE ET APPAREIL POUR ACCORDER DES ANTENNES DANS UN DISPOSITIF DE COMMUNICATION**
[72] MANSSEN, KEITH RONALD, US
[72] GREENE, MATHEW RUSSELL, US
[72] RABE, DUANE, US
[73] BLACKBERRY LIMITED, CA
[85] 2013-04-23
[86] 2011-11-07 (PCT/US2011/059620)
[87] (WO2012/064665)
[30] US (12/941,972) 2010-11-08

---

[11] **2,815,708**
[13] C
[51] **Int.Cl. C22B 3/06 (2006.01) C22B 34/36 (2006.01)**
[25] EN
[54] **METHOD FOR EXTRACTING TUNGSTEN FROM SCHEELITE**
[54] **PROCEDE PERMETTANT D'EXTRAIRE LE TUNGSTENE DE LA SCHEELITE**
[72] ZHAO, ZHONGWEI, CN
[72] LI, JIANGTAO, CN
[73] CENTRAL SOUTH UNIVERSITY, CN
[85] 2013-04-24
[86] 2011-11-11 (PCT/CN2011/001895)
[87] (WO2012/083583)
[30] CN (201010605094.7) 2010-12-24
[30] CN (201010605095.1) 2010-12-24
[30] CN (201010605103.2) 2010-12-24
[30] CN (201010605107.0) 2010-12-24
[30] CN (201010605110.2) 2010-12-24

---

[11] **2,815,905**
[13] C
[51] **Int.Cl. C12N 9/24 (2006.01) C12N 5/10 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **TEMPERATURE-STABLE .BETA.-PYRANOSIDASE**
[54] **?-PYRANOSIDASE STABLE EN TEMPERATURE**
[72] REISINGER, CHRISTOPH, DE
[72] QOURA, FARAH, DE
[72] KLIPPEL, BARBARA, DE
[72] ANTRANIKIAN, GARABED, DE
[73] CLARIANT PRODUKTE (DEUTSCHLAND) GMBH, DE
[85] 2013-04-25
[86] 2011-10-26 (PCT/EP2011/068734)
[87] (WO2012/055904)
[30] DE (10 2010 042 910.4) 2010-10-26

[11] **2,816,785**
[13] C
[51] **Int.Cl. G06F 3/0484 (2013.01) G06F 3/0488 (2013.01)**
[25] EN
[54] **PORTABLE ELECTRONIC DEVICE INCLUDING TOUCH-SENSITIVE DISPLAY AND METHOD OF CONTROLLING SAME**
[54] **DISPOSITIF ELECTRONIQUE PORTATIF COMPORTANT UN AFFICHAGE TACTILE ET PROCEDE DE COMMANDE DE CELUI-CI**
[72] MAK, GENEVIEVE ELIZABETH, CA
[73] BLACKBERRY LIMITED, CA
[86] (2816785)
[87] (2816785)
[22] 2013-05-28
[30] EP (12169871.6) 2012-05-29

---

[11] **2,817,264**
[13] C
[51] **Int.Cl. C09K 5/04 (2006.01)**
[25] EN
[54] **WORKING MEDIUM FOR ABSORPTION HEAT PUMPS**
[54] **FLUIDE DE TRAVAIL POUR POMPES A CHALEUR A ABSORPTION**
[72] SEILER, MATTHIAS, DE
[72] SCHNEIDER, ROLF, DE
[72] ZEHNACKER, OLIVIER, DE
[72] SCHNEIDER, MARC-CHRISTOPH, DE
[73] EVONIK DEGUSSA GMBH, DE
[85] 2013-05-08
[86] 2011-11-04 (PCT/EP2011/069402)
[87] (WO2012/062656)
[30] EP (10190356.5) 2010-11-08

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[11] **2,817,807**
[13] C
[51] **Int.Cl. A01B 73/06 (2006.01) A01C 23/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR APPLYING FERTILIZER IN STRIPS**
[54] **DISPOSITIF POUR L'EPANDAGE D'ENGRAIS SELON DES BANDES**
[72] HUENTELMANN, KARL-HEINZ, DE
[72] ELBERS, GUIDO, DE
[73] HUGO VOGELSANG MASCHINENBAU GMBH, DE
[85] 2013-05-13
[86] 2011-11-07 (PCT/EP2011/069528)
[87] (WO2012/065871)
[30] DE (DE 20 2010 015 383.2) 2010-11-15

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[11] **2,819,014**
[13] C
[51] **Int.Cl. H04N 19/61 (2014.01) H04N 19/12 (2014.01) H04N 19/13 (2014.01) H04N 19/176 (2014.01) H04N 19/46 (2014.01)**
[25] EN
[54] **VIDEO ENCODING DEVICE, VIDEO DECODING DEVICE, VIDEO ENCODING METHOD, VIDEO DECODING METHOD, AND PROGRAM**
[54] **DISPOSITIF DE CODAGE D'IMAGE, DISPOSITIF DE DECODAGE D'IMAGE, PROCEDE DE CODAGE D'IMAGE, PROCEDE DE DECODAGE D'IMAGE ET PROGRAMME**
[72] CHONO, KEIICHI, JP
[72] SENDA, YUZO, JP
[72] TAJIME, JUNJI, JP
[72] AOKI, HIROFUMI, JP
[72] SENZAKI, KENTA, JP
[73] NEC CORPORATION, JP
[85] 2013-05-24
[86] 2011-11-22 (PCT/JP2011/006509)
[87] (WO2012/070232)
[30] JP (2010-264320) 2010-11-26
[30] JP (2011-026331) 2011-02-09

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[11] **2,819,860**
[13] C
[51] **Int.Cl. B44F 1/00 (2006.01) A47G 33/00 (2006.01) A63H 33/22 (2006.01) F21V 33/00 (2006.01)**
[25] EN
[54] **A DECORATIVE OBJECT THAT PRODUCES A COMPLIMENTARY SHADOW DESIGN**
[54] **OBJETS ANIMES LEGERS**
[72] LIEN, TIMOTHY JAY, US
[72] PENROD, JASON BLAKE, US
[72] EIKOS, STEVE, US
[72] WERTANEN, ROBERT D., US
[72] MAN, MA LAP, US
[72] LINDQUIST, WESLEY D., US
[72] WALBERG, KARI JEAN, US
[73] HALLMARK CARDS, INCORPORATED, US
[86] (2819860)
[87] (2819860)
[22] 2013-06-28
[30] US (61/666,500) 2012-06-29
[30] US (61/799,300) 2013-03-03
[30] US (13/928,518) 2013-06-27

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[11] **2,820,251**
[13] C
[51] **Int.Cl. H01Q 3/38 (2006.01) H04W 88/02 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR BEAM FORMING AND ANTENNA TUNING IN A COMMUNICATION DEVICE**
[54] **PROCEDE ET APPAREIL DE FORMATION DE FAISCEAU ET DE SYNTONISATION D'ANTENNE DANS UN DISPOSITIF DE COMMUNICATION**
[72] ZHU, LIZHONG, CA
[72] XU, JUN, CA
[72] HE, FEI, CA
[73] BLACKBERRY LIMITED, CA
[86] (2820251)
[87] (2820251)
[22] 2013-07-04
[30] EP (12177197.6) 2012-07-19

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[11] **2,821,325**
[13] C
[51] **Int.Cl. G10L 19/008 (2013.01) G10L 19/26 (2013.01) G10L 21/038 (2013.01) H04M 3/56 (2006.01)**
[25] EN
[54] **MIXING OF INPUT DATA STREAMS AND GENERATION OF AN OUTPUT DATA STREAM THEREFROM**
[54] **MELANGE DE FLUX DE DONNEES D'ENTREE ET GENERATION D'UN FLUX DE DONNEES DE SORTIE A PARTIR DESDITS FLUX MELANGES**
[72] SCHNELL, MARKUS, DE
[72] LUTZKY, MANFRED, DE
[72] MULTRUS, MARKUS, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUE FOERDERUNG DER ANGEWANDTEN FOERSCHUNG E.V., DE
[86] (2821325)
[87] (2821325)
[22] 2009-03-04
[62] 2,717,196
[30] US (61/033,590) 2008-03-04

[11] **2,821,772**
[13] C
[51] **Int.Cl. G06F 3/0484 (2013.01) G06F 3/0488 (2013.01) G06F 17/20 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TEXT SELECTION**
[54] **PROCEDE ET APPAREIL DE SELECTION DE TEXTE**
[72] THORSANDER, SIMON MARTIN, SE
[73] BLACKBERRY LIMITED, CA
[85] 2013-06-26
[86] 2012-04-30 (PCT/EP2012/057944)
[87] (WO2013/164012)

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[11] **2,822,476**
[13] C
[51] **Int.Cl. C25D 5/14 (2006.01)**
[25] EN
[54] **SUBSTRATE WITH A CORROSION RESISTANT COATING AND METHOD OF PRODUCTION THEREOF**
[54] **SUBSTRAT DOTE D'UN REVETEMENT RESISTANT A LA CORROSION ET SON PROCEDE DE PRODUCTION**
[72] SCHIAVON, GIANLUIGI, IT
[72] DAL ZILIO, DIEGO, IT
[73] COVENTYA S.P.A., IT
[85] 2013-06-20
[86] 2011-12-23 (PCT/EP2011/006547)
[87] (WO2012/084262)
[30] DE (10 2010 055 968.7) 2010-12-23

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[11] **2,823,221**
[13] C
[51] **Int.Cl. F02C 7/18 (2006.01) F02C 3/04 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE WITH SECONDARY AIR FLOW CIRCUIT**
[54] **TURBINE A GAZ DOTEE D'UN CIRCUIT DE CIRCULATION D'AIR SECONDAIRE**
[72] OTTOW, NATHAN WESLEY, US
[72] COOPER, NATHAN J., US
[73] ROLLS-ROYCE CORPORATION, US
[73] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[85] 2013-06-26
[86] 2011-12-29 (PCT/US2011/067916)
[87] (WO2012/092501)
[30] US (61/428,725) 2010-12-30

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[11] **2,823,666**
[13] C
[51] **Int.Cl. B24D 3/24 (2006.01) B24D 3/22 (2006.01) C09C 1/68 (2006.01) C09K 3/14 (2006.01)**
[25] EN
[54] **ABRASIVE PARTICLE AND METHOD OF FORMING SAME**
[54] **PARTICULE ABRASIVE ET PROCEDE DE FORMATION ASSOCIE**
[72] WANG, JIANNA, US
[72] WANG, GUAN, US
[72] HERBERT, CHARLES G., US
[73] SAINT-GOBAIN ABRASIVES, INC., US
[73] SAINT-GOBAIN ABRASIFS, FR
[85] 2013-06-28
[86] 2011-12-29 (PCT/US2011/067898)
[87] (WO2012/092494)
[30] US (61/428,268) 2010-12-30

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[11] **2,824,463**
[13] C
[51] **Int.Cl. C22C 38/58 (2006.01) C21D 8/00 (2006.01) C22C 30/00 (2006.01)**
[25] EN
[54] **HIGH-STRENGTH AUSTENITIC STAINLESS STEEL FOR HIGH-PRESSURE HYDROGEN GAS**
[54] **ACIER INOXYDABLE AUSTENITIQUE A HAUTE RESISTANCE POUR HYDROGENE GAZEUX A HAUTE PRESSION**
[72] OMURA, TOMOHIKO, JP
[72] NAKAMURA, JUN, JP
[72] OKADA, HIROKAZU, JP
[72] SEMBA, HIROYUKI, JP
[72] TOMIO, YUSAKU, JP
[72] HIRATA, HIROYUKI, JP
[72] IGARASHI, MASAAKI, JP
[72] OGAWA, KAZUHIRO, JP
[72] TERUNUMA, MASAAKI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2013-07-10
[86] 2012-03-19 (PCT/JP2012/057001)
[87] (WO2012/132992)
[30] JP (2011-070045) 2011-03-28

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[11] **2,824,622**
[13] C
[51] **Int.Cl. B60L 15/20 (2006.01) E21C 35/00 (2006.01) E21F 13/00 (2006.01)**
[25] EN
[54] **MINING VEHICLE**
[54] **VEHICULE D'EXPLOITATION MINIERE**
[72] KOUVO, MIKKO, FI
[72] KOUHIA, SAMULI, FI
[73] SANDVIK MINING AND CONSTRUCTION OY, FI
[86] (2824622)
[87] (2824622)
[22] 2013-08-26
[30] EP (12183677.9) 2012-09-10

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[11] **2,825,540**
[13] C
[51] **Int.Cl. G02B 6/126 (2006.01)**
[25] EN
[54] **WAVEGUIDE-TYPE POLARIZATION BEAM SPLITTER EXHIBITING REDUCED TEMPERATURE-RELATED WAVELENGTH DEPENDENT VARIATION OF THE POLARIZATION EXTINCTION RATIO**
[54] **SEPARATEUR DE FAISCEAU DE POLARISATION DE TYPE A GUIDE D'ONDE PRESENTANT UNE VARIATION DEPENDANTE DE LA LONGUEUR D'ONDE ASSOCIEE A LA TEMPERATURE REDUITE DE TAUX D'EXTINCTION DE POLARISATION**
[72] SAIDA, TAKASHI, JP
[72] NASU, YUSUKE, JP
[72] MIZUNO, TAKAYUKI, JP
[72] KASAHARA, RYOICHI, JP
[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[85] 2013-07-23
[86] 2012-01-25 (PCT/JP2012/000474)
[87] (WO2012/102039)
[30] JP (2011-014545) 2011-01-26

[11] **2,825,595**
[13] C
[51] **Int.Cl. B65D 83/14 (2006.01)**
[25] EN
[54] **DISPENSING CONTAINER**
[54] **RECIPIENT DE DISTRIBUTION**
[72] BACON, RAYMOND JOHN, GB
[73] TRIGI LIMITED, GB
[85] 2013-07-24
[86] 2011-02-01 (PCT/GB2011/000126)
[87] (WO2011/095761)
[30] GB (1001762.2) 2010-02-03

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[11] **2,826,454**
[13] C
[51] **Int.Cl. A47G 19/24 (2006.01)**
[25] EN
[54] **GRINDER DEVICE**
[54] **DISPOSITIF BROYEUR**
[72] WADE, ALLAN E., US
[72] FITCHKO, AARON F., US
[72] CHEN, CHUNG MAN, HK
[72] LIU, ALEX, US
[73] ACH FOOD COMPANIES, INC., US
[86] (2826454)
[87] (2826454)
[22] 2013-09-05
[30] US (13/613,984) 2012-09-13

---

[11] **2,827,418**
[13] C
[51] **Int.Cl. A61N 1/372 (2006.01)**
[25] EN
[54] **SYSTEM FOR COMMUNICATING WITH IMPLANTABLE MEDICAL DEVICES USING A BRIDGE DEVICE**
[54] **SYSTEME DE COMMUNICATION AVEC DES DISPOSITIFS MEDICAUX IMPLANTABLES A L'AIDE D'UN DISPOSITIF PASSERELLE**
[72] TAHMASIAN, SAMUEL, US
[72] AGHASSIAN, DANIEL, US
[72] ACKERMANN, DOUGLAS MICHAEL, US
[72] HYUN, JOONHU, US
[72] ZOTTOLA, DENNIS RALPH, US
[73] BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, US
[85] 2013-08-14
[86] 2012-02-16 (PCT/US2012/025345)
[87] (WO2012/154247)
[30] US (61/444,842) 2011-02-21
[30] US (13/372,177) 2012-02-13

---

[11] **2,828,031**
[13] C
[51] **Int.Cl. G06F 3/041 (2006.01)**
[25] EN
[54] **A DEVICE WITH TOUCH SCREEN FALSE-ACTUATION PREVENTION**
[54] **UN DISPOSITIF DOTE D'UNE FONCTION DE PREVENTION DE FAUSSE ACTIVATION D'ECRAN TACTILE**
[72] CARMEL-VEILLEUX, TENNESSEE, CA
[72] CHEN, ZHE, CA
[73] BLACKBERRY LIMITED, CA
[86] (2828031)
[87] (2828031)
[22] 2013-09-20
[30] EP (12185454.1) 2012-09-21

---

[11] **2,829,610**
[13] C
[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/02 (2006.01)**
[25] EN
[54] **A SYSTEM FOR CAPTURING OF CO2 FROM PROCESS GAS**
[54] **SYSTEME DE CAPTURE DE CO2 A PARTIR D'UN GAZ DE TRAITEMENT**
[72] BALFE, MICHAEL CHARLES, DE
[72] LEFEBVRE, JONATHAN, FR
[72] WEINGARTNER, CHRISTOPH, DE
[73] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[86] (2829610)
[87] (2829610)
[22] 2013-10-09
[30] EP (12188860.6) 2012-10-17

---

[11] **2,829,721**
[13] C
[51] **Int.Cl. H04W 72/00 (2009.01) H04W 24/00 (2009.01) H04B 1/713 (2011.01)**
[25] EN
[54] **MULTI-CARRIER GRANT DESIGN**
[54] **CONCEPTION D'AUTORISATION DE MULTIPLES PORTEUSES**
[72] DAMNJANOVIC, JELENA M., US
[72] MONTOJO, JUAN, US
[72] SARKAR, SANDIP, US
[72] GAAL, PETER, US
[72] KHANDEKAR, AAMOD D., US
[72] FARAJIDANA, AMIR, US
[73] QUALCOMM INCORPORATED, US
[86] (2829721)
[87] (2829721)
[22] 2009-08-12
[62] 2,731,604
[30] US (61/088,319) 2008-08-12
[30] US (61,112,029) 2008-11-06
[30] US (61/113,443) 2008-11-11
[30] US (61/143,146) 2009-01-07
[30] US (12/536,733) 2009-08-06

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[11] **2,830,874**
[13] C
[51] **Int.Cl. G21C 9/012 (2006.01)**
[25] EN
[54] **PASSIVE RESIDUAL HEAT REMOVAL SYSTEM AND NUCLEAR POWER PLANT EQUIPMENT**
[54] **SYSTEME PASSIF D'ELIMINATION DE LA CHALEUR RESIDUELLE ET EQUIPEMENT D'UNE CENTRALE ELECTRIQUE NUCLEAIRE**
[72] IKEGAWA, TOMOHIKO, JP
[72] KITO, KAZUAKI, JP
[73] HITACHI-GE NUCLEAR ENERGY, LTD., JP
[86] (2830874)
[87] (2830874)
[22] 2013-10-21
[30] JP (2012-234411) 2012-10-24

[11] **2,831,207**
[13] C
[51] **Int.Cl. C07H 19/067 (2006.01)**
[25] EN
[54] **CAPRAZENE COMPOUNDS AND DERIVATIVES THEREOF**
[54] **NOUVEAU COMPOSE APPELE CAPRAZENE ET DERIVES DE CELUI-CI ET NOUVEAU COMPOSE APPELE CAPRAZOL ET DERIVES DE CELUI-CI**
[72] MIYAKE, TOSHIAKI, JP
[72] IGARASHI, MASAYUKI, JP
[72] SHITARA, TETSUO, JP
[72] TAKAHASHI, YOSHIAKI, JP
[72] HAMADA, MASA, JP
[73] ZAIDAN HOJIN BISEIBUTSU KAGAKU KENKYU KAI, JP
[73] MEIJI SEIKA PHARMA CO., LTD., JP
[86] (2831207)
[87] (2831207)
[22] 2004-01-30
[62] 2,773,659
[30] JP (2003-25323) 2003-01-31

---

[11] **2,831,416**
[13] C
[51] **Int.Cl. A61K 31/5575 (2006.01)**
[25] EN
[54] **THE USE OF A PROSTAGLANDIN FOR TREATING MUCOSAL DISORDERS**
[54] **UTILISATION D'UNE PROSTAGLANDINE POUR LE TRAITEMENT DES TROUBLES DE LA MUQUEUSE**
[72] UENO, RYUJI, US
[72] KUNO, SACHIKO, US
[72] BLIKSLAGER, ANTHONY T., US
[72] MOESER, ADAM J., US
[73] SUCAMPO AG, CH
[73] NORTH CAROLINA STATE UNIVERSITY, US
[86] (2831416)
[87] (2831416)
[22] 2006-03-22
[62] 2,601,158
[30] US (60/663,200) 2005-03-21
[30] US (60/679,920) 2005-05-11
[30] US (60/721,976) 2005-09-30

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[11] **2,831,599**
[13] C
[51] **Int.Cl. F17C 13/00 (2006.01)**
[25] EN
[54] **COLD BOX DESIGN PROVIDING SECONDARY CONTAINMENT**
[54] **CONCEPTION DE BOITE FROIDE DELIVRANT UNE ENCEINTE SECONDAIRE**
[72] WILKES, MICHAEL A., US
[72] MOCK, JON M., US
[73] CONOCOPHILLIPS COMPANY, US
[85] 2013-09-26
[86] 2012-04-09 (PCT/US2012/032744)
[87] (WO2013/101283)
[30] US (61/474,479) 2011-04-12
[30] US (13/438,295) 2012-04-03

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[11] **2,832,542**
[13] C
[51] **Int.Cl. H04R 27/00 (2006.01) H04S 7/00 (2006.01)**
[25] EN
[54] **MULTI-CHANNEL PAIRING IN A MEDIA SYSTEM**
[54] **APPARIEMENT DE CANAUX MULTIPLES DANS UN SYSTEME MULTIMEDIA**
[72] KALLAI, CHRISTOPHER, US
[72] ERICSON, MICHAEL DARRELL ANDREW, US
[72] LAMBOURNE, ROBERT A., US
[72] REIMANN, ROBERT, US
[72] TRIPLETT, MARK, US
[73] SONOS, INC., US
[85] 2013-10-07
[86] 2012-04-26 (PCT/IB2012/052071)
[87] (WO2012/137190)

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[11] **2,832,718**
[13] C
[51] **Int.Cl. C01B 13/11 (2006.01)**
[25] EN
[54] **OZONE GENERATION SYSTEM AND METHOD FOR OPERATING OZONE GENERATION SYSTEM**
[54] **SYSTEME DE PRODUCTION D'OZONE ET PROCEDE POUR LE FONCTIONNEMENT D'UN SYSTEME DE PRODUCTION D'OZONE**
[72] NAKATANI, HAJIME, JP
[72] TAMURA, TETSUYA, JP
[72] ESAKI, NORIMITSU, JP
[72] ODAI, YOSHIAKI, JP
[72] TAKEDA, TOMOAKI, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2013-10-08
[86] 2011-04-13 (PCT/JP2011/059170)
[87] (WO2012/140749)

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[11] **2,832,911**
[13] C
[51] **Int.Cl. G06F 17/20 (2006.01) G06F 17/10 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FILTERING DOCUMENTS**
[54] **SYSTEME ET PROCEDE DE FILTRAGE DE DOCUMENTS**
[72] LEE, HYUN CHUL, CA
[72] CVET, MICHAEL, US
[72] BRAZIUNAS, DARIUS, CA
[73] ROGERS COMMUNICATIONS INC., CA
[85] 2013-10-10
[86] 2011-10-05 (PCT/CA2011/050629)
[87] (WO2012/174638)
[30] US (61/500,112) 2011-06-22

[11] **2,832,930**
[13] C
[51] **Int.Cl. B01D 53/14 (2006.01)**
[25] EN
[54] **METHOD AND MULTI-COMPONENT NOZZLE FOR REDUCING UNWANTED SUBSTANCES IN A FLUE GAS**
[54] **PROCEDE ET BUSE A COMPOSANTS MULTIPLES POUR REDUIRE LES SUBSTANCES INDESIRABLES DANS LES GAZ DE CARNEAU**
[72] HAMEL, STEFAN, DE
[72] STORM, CHRISTIAN, DE
[73] BABCOCK BORSIG STEINMULLER GMBH, DE
[86] (2832930)
[87] (2832930)
[22] 2013-11-13
[30] DE (10 2012 110 962.1) 2012-11-14

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[11] **2,833,186**
[13] C
[51] **Int.Cl. G01C 15/00 (2006.01) G01S 19/10 (2010.01) G01S 19/51 (2010.01)**
[25] EN
[54] **MEASURING SYSTEM AND METHOD FOR DETERMINING NEW POINTS**
[54] **SYSTEME DE MESURE ET PROCEDE DE DETERMINATION DE POINT NOUVEAU**
[72] METZLER, BERNHARD, AT
[73] HEXAGON TECHNOLOGY CENTER GMBH, CH
[85] 2013-10-15
[86] 2012-04-13 (PCT/EP2012/056758)
[87] (WO2012/140189)
[30] EP (11162505.9) 2011-04-14

---

[11] **2,833,350**
[13] C
[51] **Int.Cl. G11B 27/10 (2006.01)**
[25] EN
[54] **SMART LINE -IN PROCESSING FOR AUDIO**
[54] **TRAITEMENT IMMEDIAT INTELLIGENT POUR AUDIO**
[72] MILLINGTON, NICHOLAS, US
[72] CULLEN, TOM, US
[72] REIMANN, ROBERT, US
[72] LEHMAN, BRENT, US
[73] SONOS, INC., US
[85] 2013-10-16
[86] 2012-04-17 (PCT/US2012/033946)
[87] (WO2012/145321)
[30] US (13/089,167) 2011-04-18

---

[11] **2,833,859**
[13] C
[51] **Int.Cl. F01D 5/14 (2006.01) F01D 9/02 (2006.01)**
[25] EN
[54] **TURBINE BLADE WITH LOSS-SUPPRESSING TRAILING EDGE**
[54] **PALE DE TURBINE A REBORD ARRIERE ELIMINANT LA PERTE**
[72] HAMABE, MASAAKI, JP
[72] MAMADA, AYUMI, JP
[72] YAMAWAKI, RURIKO, JP
[72] HAMAZAKI, HIROSHI, JP
[73] IHI CORPORATION, JP
[85] 2013-10-21
[86] 2012-04-27 (PCT/JP2012/061422)
[87] (WO2012/147938)
[30] JP (2011-101266) 2011-04-28

---

[11] **2,834,135**
[13] C
[51] **Int.Cl. H04N 7/15 (2006.01) G09G 5/00 (2006.01) G09G 5/14 (2006.01) G09G 5/377 (2006.01) G09G 5/38 (2006.01) G09G 5/391 (2006.01)**
[25] EN
[54] **TRANSMISSION TERMINAL, IMAGE DISPLAY CONTROL METHOD, IMAGE DISPLAY CONTROL PROGRAM, RECORDING MEDIUM, AND TRANSMISSION SYSTEM**
[54] **TERMINAL DE TRANSMISSION, PROCEDE DE COMMANDE D'AFFICHAGE D'IMAGE, PROGRAMME DE COMMANDE D'AFFICHAGE D'IMAGE, SUPPORT D'ENREGISTREMENT ET SYSTEME DE TRANSMISSION**
[72] KATO, YOSHINAGA, JP
[73] RICOH COMPANY, LTD., JP
[85] 2013-10-23
[86] 2012-04-06 (PCT/JP2012/060086)
[87] (WO2012/147535)
[30] JP (2011-100696) 2011-04-28
[30] JP (2011-238948) 2011-10-31

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[11] **2,835,115**
[13] C
[51] **Int.Cl. H01B 3/10 (2006.01) H01F 1/11 (2006.01)**
[25] EN
[54] **MAGNETIC GRAIN BOUNDARY ENGINEERED FERRITE CORE MATERIALS**
[54] **MATERIAUX DE C□UR EN FERRITE FACONNE A JOINT DE GRAIN MAGNETIQUE**
[72] CHEN, YAJIE, US
[72] HARRIS, VINCENT G., US
[73] METAMAGNETICS, INC., US
[85] 2013-11-04
[86] 2012-05-08 (PCT/US2012/036943)
[87] (WO2012/154741)
[30] US (61/483,922) 2011-05-09

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[11] **2,835,398**
[13] C
[51] **Int.Cl. F03D 3/06 (2006.01) F01D 1/24 (2006.01)**
[25] EN
[54] **HORIZONTAL MULTIPLE STAGES WIND TURBINE**
[54] **EOLIENNE A PLUSIEURS ETAGES HORIZONTAUX**
[72] CAGGIANO, MARIO, CA
[73] 7142871 CANADA INC., CA
[85] 2013-11-07
[86] 2012-07-06 (PCT/IB2012/001337)
[87] (WO2013/005099)
[30] US (61/505,506) 2011-07-07

[11] **2,836,485**
[13] C
[51] **Int.Cl. C07D 249/04 (2006.01) A61K 31/4192 (2006.01) A61K 31/4196 (2006.01) A61P 25/18 (2006.01) A61P 25/22 (2006.01) A61P 25/24 (2006.01) C07D 249/12 (2006.01)**
[25] EN
[54] **BICYCLO (3.1.0) HEXANE- 2,6 - DICARBOXYLIC ACID DERIVATIVES AS MGLU2 RECEPTOR AGONIST**
[54] **DERIVES D'ACIDE BICYCLO(3.1.0)HEXANE-2,6-DICARBOXYLIQUE EN TANT QU'AGONISTE DU RECEPTEUR MGLU2**
[72] MAN, TERESA TSE KI, US
[72] MONN, JAMES ALLEN, US
[72] MONTERO SALGADO, CARLOS, US
[72] PRIETO, LOURDES, US
[72] WALTON, LESLEY, US
[72] TUPPER, DAVID EDWARD, US
[73] ELI LILLY AND COMPANY, US
[85] 2013-11-15
[86] 2012-06-07 (PCT/US2012/041229)
[87] (WO2012/173850)
[30] EP (11382208.4) 2011-06-17
[30] US (61/522,791) 2011-08-12

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[11] **2,836,696**
[13] C
[51] **Int.Cl. G06F 3/048 (2013.01) G06T 19/20 (2011.01) G06F 17/50 (2006.01)**
[25] EN
[54] **KNOWLEDGE-BASED POLYMORPH UNDOCKABLE TOOLBAR**
[54] **BARRE D'OUTILS POLYMORPHE FLOTTANTE FONCTIONNANT A BASE DE CONNAISSANCES**
[72] CHARLES, BERNARD, FR
[72] CROS, JEAN-CHRISTOPHE, FR
[72] DEBAISIEUX, GREGOIRE, FR
[72] PERROUX, FRANCOIS, FR
[73] DASSAULT SYSTEMES, FR
[86] (2836696)
[87] (2836696)
[22] 2000-04-12
[62] 2,305,068
[30] US (09/329,727) 1999-06-10

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[11] **2,837,496**
[13] C
[51] **Int.Cl. E02D 29/14 (2006.01) E05B 65/00 (2006.01) E05B 73/00 (2006.01)**
[25] EN
[54] **LOCKING MECHANISM FOR A COVER**
[54] **MECANISME DE VERROUILLAGE POUR UN COUVERCLE**
[72] BEAUDOIN, PIERRE-LAURENT, CA
[73] CANADA PIPE COMPANY ULC, CA
[86] (2837496)
[87] (2837496)
[22] 2013-12-17
[30] US (61/738,890) 2012-12-18

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[11] **2,837,763**
[13] C
[51] **Int.Cl. B02C 13/14 (2006.01) B02C 13/20 (2006.01) B02C 13/282 (2006.01)**
[25] EN
[54] **DEVICE FOR MECHANICAL SEPARATION OF CONGLOMERATES FROM MATERIALS OF DIFFERENT DENSITIES AND/OR CONSISTENCIES**
[54] **DISPOSITIF DE DESAGREGATION MECANIQUE DE CONGLOMERATS COMPOSES DE MATERIAUX DE DENSITE ET/OU DE CONSISTANCE DIFFERENTE**
[72] GRONHOLZ, CLAUS, DE
[73] TARTECH ECO INDUSTRIES AG, DE
[85] 2013-11-29
[86] 2012-04-04 (PCT/EP2012/001603)
[87] (WO2012/171597)
[30] DE (10 2011 050 789.2) 2011-06-01

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[11] **2,838,891**
[13] C
[51] **Int.Cl. G09F 3/08 (2006.01) F16K 37/00 (2006.01) F16L 55/00 (2006.01) F17D 3/00 (2006.01)**
[25] EN
[54] **ADJUSTABLE MARKING DEVICE TO VISUALLY IDENTIFY VALVES IN A MULTI VALVE FLUID DISTRIBUTION AND/OR TRANSMISSION SYSTEM**
[54] **DISPOSITIF DE MARQUAGE REGLABLE POUR IDENTIFIER VISUELLEMENT DES SOUPAPES DANS UN SYSTEME DE DISTRIBUTION OU DE TRANSMISSION DE FLUIDE MULTISOUPAPES**
[72] VARMA, SHIVENDRA N., CA
[73] CHIPS INTERNATIONAL INC., CA
[86] (2838891)
[87] (2838891)
[22] 2014-01-13
[30] US (14/072,837) 2013-11-06

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[11] **2,839,831**
[13] C
[51] **Int.Cl. G21D 1/00 (2006.01) B24B 5/04 (2006.01)**
[25] EN
[54] **PRODUCING METHOD OF HEAT-EXCHANGER TUBE FOR STEAM GENERATOR FOR USE IN NUCLEAR POWER PLANT AND HEAT-EXCHANGER TUBE FOR STEAM GENERATOR**
[54] **PROCEDE DE PRODUCTION D'UN TUBE DE TRANSFERT DE CHALEUR DE GENERATEUR DE VAPEUR POUR CENTRALE NUCLEAIRE ET TUBE DE TRANSFERT DE CHALEUR DE GENERATEUR DE VAPEUR**
[72] HYODO, SHIGETOSHI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2013-12-18
[86] 2012-06-28 (PCT/JP2012/066496)
[87] (WO2013/002314)
[30] JP (2011-144224) 2011-06-29

[11] **2,840,300**
[13] C
[51] **Int.Cl. B32B 23/00 (2006.01)**
[25] EN
[54] **FIBRE PRODUCT FOR PACKAGING**
[54] **PRODUIT A BASE DE FIBRES POUR EMBALLAGES**
[72] BUSCHMANN, ARMIN, DE
[72] CADONAU, FULVIO, DE
[72] HONSBROK, RALF, DE
[72] RICHTER, DETLEV, DE
[72] TRUPPNER, OLAF, DE
[73] SMURFIT KAPPA HOYA PAPIER UND KARTON GMBH, DE
[85] 2013-12-23
[86] 2012-05-31 (PCT/EP2012/060292)
[87] (WO2012/175309)
[30] DE (10 2011 105 761.0) 2011-06-24

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[11] **2,840,382**
[13] C
[51] **Int.Cl. B01D 53/14 (2006.01) F01K 17/06 (2006.01)**
[25] EN
[54] **LOW PRESSURE STEAM PRE-HEATERS FOR GAS PURIFICATION SYSTEMS AND PROCESSES OF USE**
[54] **PRECHAUFFEURS DE VAPEUR A BASSE PRESSION POUR DES SYSTEMES D'EPURATION DE GAZ ET PROCEDES D'UTILISATION**
[72] NAUMOVITZ, JOSEPH P., US
[72] MATTSTEDT, DANIEL NICOLAUS SECUNDUS, DE
[72] DUBE, SANJAY KUMAR, US
[73] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[85] 2013-12-23
[86] 2012-06-26 (PCT/US2012/044138)
[87] (WO2013/003312)
[30] US (13/171,862) 2011-06-29

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[11] **2,841,141**
[13] C
[51] **Int.Cl. H04W 28/06 (2009.01) H04W 48/08 (2009.01) H04W 48/12 (2009.01)**
[25] EN
[54] **SYSTEMS, METHODS AND APPARATUSES FOR LOW-OVERHEAD WIRELESS BEACON TIMING**
[54] **SYSTEMES ET PROCEDES DE SYNCHRONISATION DE BALISE SANS FIL CONTENANT PEU DE DONNEES GENERALES**
[72] ABRAHAM, SANTOSH PAUL, US
[72] FREDERIKS, GUIDO ROBERT, US
[72] MERLIN, SIMONE, US
[72] WENTINK, MAARTEN MENZO, US
[73] QUALCOMM INCORPORATED, US
[85] 2014-01-08
[86] 2012-07-10 (PCT/US2012/046111)
[87] (WO2013/009776)
[30] US (61/506,136) 2011-07-10
[30] US (61/531,522) 2011-09-06
[30] US (61/549,638) 2011-10-20
[30] US (61/568,075) 2011-12-07
[30] US (61/578,027) 2011-12-20
[30] US (61/583,890) 2012-01-06
[30] US (61/584,174) 2012-01-06
[30] US (61/585,044) 2012-01-10
[30] US (61/596,106) 2012-02-07
[30] US (61/596,775) 2012-02-09
[30] US (61/606,175) 2012-03-02
[30] US (61/618,966) 2012-04-02
[30] US (61/620,869) 2012-04-05
[30] US (13/544,900) 2012-07-09

---

[11] **2,841,162**
[13] C
[51] **Int.Cl. G01H 1/00 (2006.01)**
[25] EN
[54] **A METHOD FOR IDENTIFYING A FAULT IN AN ELECTRICAL MACHINE**
[54] **PROCEDE POUR IDENTIFIER UNE DEFAILLANCE DANS UNE MACHINE ELECTRIQUE**
[72] RODRIGUEZ, PEDRO, SE
[73] ABB RESEARCH LTD, CH
[85] 2013-12-20
[86] 2012-06-28 (PCT/EP2012/062526)
[87] (WO2013/000984)
[30] EP (11171814.4) 2011-06-29

---

[11] **2,842,944**
[13] C
[51] **Int.Cl. E21B 43/25 (2006.01) C09K 8/62 (2006.01) E21B 47/10 (2012.01) E21B 49/08 (2006.01) G01J 3/00 (2006.01)**
[25] EN
[54] **METHODS FOR MONITORING THE FORMATION AND TRANSPORT OF A TREATMENT FLUID USING OPTICOANALYTICAL DEVICES**
[54] **PROCEDES PERMETTANT DE SURVEILLER LA FORMATION ET LE TRANSPORT D'UN FLUIDE DE TRAITEMENT A L'AIDE DE DISPOSITIFS OPTICO-ANALYTIQUES**
[72] FREESE, ROBERT P., US
[72] JONES, CHRISTOPHER M., US
[72] PELLETIER, MICHAEL T., US
[72] DAUSSIN, RORY D., US
[72] LOVELESS, DAVID M., US
[72] HAGGSTROM, JOHANNA, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-01-23
[86] 2012-07-16 (PCT/US2012/046892)
[87] (WO2013/022556)
[30] US (13/198,915) 2011-08-05

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[11] **2,843,071**
[13] C
[51] **Int.Cl. E04H 12/00 (2006.01) H02B 99/00 (2009.01)**
[25] EN
[54] **ELECTRICAL DEVICE MOUNTING POLE**
[54] **POTEAU DE FIXATION DE DISPOSITIF ELECTRIQUE**
[72] FONG, ROBERT, US
[72] GARDNER, DANIEL L., US
[72] REED, GEOFFREY, US
[72] DIPARISI, PHILIP, US
[73] THOMAS & BETTS INTERNATIONAL LLC, US
[86] (2843071)
[87] (2843071)
[22] 2014-02-17
[30] US (61/771,985) 2013-03-04
[30] US (14/161,916) 2014-01-23

[11] **2,844,569**
[13] C
[51] **Int.Cl. H04L 29/06 (2006.01) H04L 29/08 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SETTING UP END-TO-END COMMUNICATION BETWEEN TWO NETWORKS**
[54] **PROCEDE ET DISPOSITIF D'ETABLISSEMENT D'UNE COMMUNICATION DE BOUT EN BOUT ENTRE DEUX RESEAUX**
[72] HEINRICH, ANDREAS, DE
[72] HEUER, JORG, DE
[72] KABISCH, SEBASTIAN, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2014-02-07
[86] 2012-07-24 (PCT/EP2012/064478)
[87] (WO2013/020800)
[30] EP (11177218.2) 2011-08-11

---

[11] **2,844,962**
[13] C
[51] **Int.Cl. F16F 7/00 (2006.01) E06B 3/02 (2006.01) F16F 7/104 (2006.01)**
[25] EN
[54] **APPARATUS FOR DISPERSING IMPACT FORCES**
[54] **APPAREIL DE DISPERSION DE FORCES D'IMPACT**
[72] STATON, FIELDING B., US
[73] STATON, FIELDING B., US
[86] (2844962)
[87] (2844962)
[22] 2014-03-06
[30] US (13/796,170) 2013-03-12
[30] US (14/188,303) 2014-02-24

---

[11] **2,845,346**
[13] C
[51] **Int.Cl. F16F 1/371 (2006.01) F16C 27/06 (2006.01) F16F 3/10 (2006.01)**
[25] EN
[54] **NEGATIVE SPRING COMPENSATION FOR ELASTOMERIC BEARING TORQUE**
[54] **COMPENSATION PAR RESSORT NEGATIVE POUR COUPLE DE ROULEMENT ELASTOMERE**
[72] HINKS, WILLIAM L., US
[73] HINKS, WILLIAM L., US
[86] (2845346)
[87] (2845346)
[22] 2014-03-11
[30] US (13/804,100) 2013-03-14

---

[11] **2,846,147**
[13] C
[51] **Int.Cl. B21F 3/04 (2006.01)**
[25] EN
[54] **WIRE ROPE AND METHOD OF CONSTRUCTING WIRE ROPE**
[54] **CABLE METALLIQUE ET PROCEDE DE FABRICATION D'UN CABLE METALLIQUE**
[72] CAVALLIN, KIM, CA
[73] 1735729 ALBERTA LTD., CA
[86] (2846147)
[87] (2846147)
[22] 2014-03-14
[30] US (61791276) 2013-03-15
[30] US (61805325) 2013-03-26
[30] US (61836030) 2013-06-17
[30] AU (2013203790) 2013-04-11

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[11] **2,846,168**
[13] C
[51] **Int.Cl. G01N 1/00 (2006.01) A61B 5/151 (2006.01) G01N 1/14 (2006.01)**
[25] EN
[54] **CAPILLARY ACTION COLLECTION DEVICE AND CONTAINER ASSEMBLY**
[54] **ENSEMBLE RECIPIENT ET DISPOSITIF DE COLLECTE A ACTION CAPILLAIRE**
[72] BARTFELD, BENJAMIN, US
[72] WILKINSON, BRADLEY M., US
[72] DASTANE, AJIT, US
[73] BECTON, DICKINSON AND COMPANY, US
[86] (2846168)
[87] (2846168)
[22] 2009-03-05
[62] 2,717,894
[30] US (61/034,025) 2008-03-05

---

[11] **2,846,813**
[13] C
[51] **Int.Cl. B01D 17/032 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SEPARATING IMMISCIBLE LIQUIDS AND SOLIDS FROM LIQUIDS**
[54] **PROCEDE ET APPAREIL POUR EXTRAIRE LIQUIDES ET SOLIDES NON MISCIBLES HORS D'UN LIQUIDE**
[72] MOHR, KIRBY SMITH, US
[73] MOHR, KIRBY SMITH, US
[86] (2846813)
[87] (2846813)
[22] 2014-03-17
[30] US (14/162,858) 2014-01-24

---

[11] **2,846,836**
[13] C
[51] **Int.Cl. C08F 220/00 (2006.01)**
[25] EN
[54] **SOIL ADSORPTION POLYMERS**
[54] **POLYMERES POUR L'ADSORPTION DE SALISSURES**
[72] SMITH, STEVEN DARYL, US
[72] MCCHAIN, ROBERT JOSEPH, US
[72] MCKIERNAN, ROBIN LYNN, US
[72] NEAL, CHARLES WILLIAM, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2014-02-26
[86] 2012-08-30 (PCT/US2012/052950)
[87] (WO2013/033275)
[30] US (61/530,058) 2011-09-01

---

[11] **2,848,021**
[13] C
[51] **Int.Cl. A61K 31/337 (2006.01) A61K 9/14 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMPOSTIONS COMPRISING NANOPARTICLES COMPRISING DOCETAXEL AND ALBUMIN PREPARED USING ANHYDROUS DOCETAXEL**
[54] **COMPOSITIONS COMPORTANT DES NANOPARTICULES COMPRENANT DU DOCETAXEL ET DE L'ALBUMINE PREPAREES AU MOYEN DE DOCETAXEL ANHYDRE**
[72] DE, TAPAS, US
[72] DESAI, NEIL P., US
[72] YANG, ANDREW, US
[72] YIM, ZACHARY, US
[72] SOON-SHIONG, PATRICK, US
[73] ABRAXIS BIOSCIENCE, LLC, US
[86] (2848021)
[87] (2848021)
[22] 2006-08-30
[62] 2,620,389
[30] US (60/712,865) 2005-08-31
[30] US (60/736,962) 2005-11-14
[30] US (60/736,931) 2005-11-14

[11] **2,848,911**
[13] C
[51] **Int.Cl. B02C 4/16 (2006.01)**
[25] EN
[54] **DEVICE FOR COMMINUTING FEEDSTOCK**
[54] **DISPOSITIF DE BROYAGE D'UNE CHARGE**
[72] PALLMANN, HARTMUT, DE
[73] PALLMANN MASCHINENFABRIK GMBH & CO. KG, DE
[86] (2848911)
[87] (2848911)
[22] 2014-04-14
[30] EP (10 2013 006 405.8) 2013-04-13

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[11] **2,849,513**
[13] C
[51] **Int.Cl. A47B 91/02 (2006.01) A47B 81/00 (2006.01) B65D 19/40 (2006.01)**
[25] EN
[54] **BOLSTER FOR A SAFETY CABINET**
[54] **TRAVERSE POUR ARMOIRE DE SECURITE**
[72] BRIDGES, TOBIAS M., US
[72] BOTTLES, RICHARD R., US
[72] MILBURN, CODY E., US
[73] APEX BRANDS, INC., US
[86] (2849513)
[87] (2849513)
[22] 2014-04-17
[30] US (61/812,892) 2013-04-17

---

[11] **2,849,703**
[13] C
[51] **Int.Cl. C08G 18/10 (2006.01) C08G 18/32 (2006.01) C08G 18/38 (2006.01) C08G 18/52 (2006.01) C08G 18/75 (2006.01) C08G 18/76 (2006.01) C09J 175/02 (2006.01)**
[25] EN
[54] **SULFUR-CONTAINING POLYUREAS AND METHODS OF USE**
[54] **POLYUREES CONTENANT DU SOUFRE ET PROCEDES D'UTILISATION**
[72] CAI, JUEXIAO, US
[72] HOBBS, STEPHEN J., US
[72] ITO, MARFI, US
[72] MORAVEK, SCOTT J., US
[72] LIN, RENHE, US
[73] PRC-DESOTO INTERNATIONAL, INC., US
[85] 2014-03-21
[86] 2012-09-21 (PCT/US2012/056452)
[87] (WO2013/043946)
[30] US (13/239,792) 2011-09-22

---

[11] **2,850,033**
[13] C
[51] **Int.Cl. A61N 1/378 (2006.01) A61N 1/36 (2006.01)**
[25] EN
[54] **COMMUNICATION AND CHARGING CIRCUITRY FOR A SINGLE-COIL IMPLANTABLE MEDICAL DEVICE**
[54] **CIRCUITERIE DE COMMUNICATION ET DE CHARGE POUR UN DISPOSITIF MEDICAL IMPLANTABLE A UNE SEULE BOBINE**
[72] FELDMAN, EMANUEL, US
[72] DRONOV, VASILY, US
[72] PARRAMON, JORDI, US
[72] OZAWA, ROBERT, US
[72] RAHMAN, MIZANUR, US
[73] BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, US
[85] 2014-03-25
[86] 2012-09-27 (PCT/US2012/057585)
[87] (WO2013/062712)
[30] US (61/550,588) 2011-10-24
[30] US (13/608,490) 2012-09-10

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[11] **2,850,515**
[13] C
[25] EN
[54] **PRODUCTION OF GRAPHENIC CARBON PARTICLES UTILIZING HYDROCARBON PRECURSOR MATERIALS**
[54] **PRODUCTION DE PARTICULES DE GRAPHENE UTILISANT DES PRECURSEURS HYDROCARBONES**
[72] HUNG, CHENG-HUNG, US
[72] VANIER, NOEL R., US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2014-03-28
[86] 2012-09-28 (PCT/US2012/057811)
[87] (WO2013/049498)
[30] US (13/249,315) 2011-09-30
[30] US (13/309,894) 2011-12-02

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[11] **2,850,809**
[13] C
[51] **Int.Cl. E01B 29/10 (2006.01)**
[25] EN
[54] **RAILROAD TIE REMOVAL MACHINE**
[54] **MACHINE DE RETRAIT DE TRAVERSES DE CHEMIN DE FER**
[72] IRION, ALLAN, US
[73] NORDCO INC., US
[86] (2850809)
[87] (2850809)
[22] 2014-04-28
[30] US (13/936,067) 2013-07-05

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[11] **2,851,636**
[13] C
[51] **Int.Cl. H04N 21/458 (2011.01) H04N 21/266 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SELECTING TELEVISION ADVERTISEMENTS FOR A SET-TOP BOX REQUESTING AN ADVERTISEMENT WITHOUT KNOWING WHAT PROGRAM OR CHANNEL IS BEING WATCHED**
[54] **SYSTEME ET PROCEDES DE SELECTION DE PUBLICITES TELEVISEES POUR UN BOITIER DECODEUR NUMERIQUE DEMANDANT UNE PUBLICITE SANS SAVOIR QUEL PROGRAMME OU CHAINE EST REGARDE**
[72] SHKEDI, ROY, US
[73] INTENT IQ, LLC, US
[85] 2014-04-09
[86] 2011-10-14 (PCT/US2011/056466)
[87] (WO2012/051592)
[30] US (61/393,834) 2010-10-15

[11] **2,852,040**
[13] C
[51] **Int.Cl. B60D 1/06 (2006.01) B21D 22/02 (2006.01) B21D 53/88 (2006.01)**
[25] EN
[54] **HITCH BALL MOUNT AND METHOD OF FORMING THE HITCH BALL MOUNT**
[54] **MONTURE DE BOULE D'ATTELAGE ET PROCEDE DE FORMATION DE LA MONTURE DE BOULE D'ATTELAGE**
[72] BERNART, FRANCIS, US
[72] DEPIETRO, THOMAS, US
[73] CEQUENT CONSUMER PRODUCTS, INC., US
[85] 2014-04-11
[86] 2012-10-11 (PCT/US2012/059762)
[87] (WO2013/055924)
[30] US (61/545,878) 2011-10-11

[11] **2,852,345**
[13] C
[51] **Int.Cl. B25F 1/02 (2006.01) A47L 13/46 (2006.01) F16B 7/18 (2006.01) F16B 7/22 (2006.01)**
[25] EN
[54] **INTERCHANGEABLE TOOL DEVICE**
[54] **DISPOSITIF D'OUTIL INTERCHANGEABLE**
[72] BROGDEN, COLE, CA
[73] BROGDEN, COLE, CA
[86] (2852345)
[87] (2852345)
[22] 2014-05-20
[30] US (14/280,706) 2014-05-19

[11] **2,853,163**
[13] C
[51] **Int.Cl. A01K 1/015 (2006.01)**
[25] EN
[54] **AGGLOMERATED ANIMAL LITTER**
[54] **LITIERE AGGLOMEREE POUR ANIMAUX**
[72] PRIVITERA, MARC P., US
[72] BORGESE, CHRISTINA M., US
[72] LESTAGE, DAVID J., US
[72] ILIFF, ROBERT J., US
[72] SWATLING, DONALD, US
[72] VAN BUSKIRK, GREGORY, US
[73] THE CLOROX COMPANY, US
[86] (2853163)
[87] (2853163)
[22] 2008-06-06
[62] 2,634,385
[30] US (11/766,358) 2007-06-21

[11] **2,853,622**
[13] C
[51] **Int.Cl. F04D 29/40 (2006.01)**
[25] EN
[54] **ASYMMETRIC RADIAL SPLINE SEAL FOR A GAS TURBINE ENGINE**
[54] **JOINT CANNELE RADIAL ASYMETRIQUE POUR UN MOTEUR A TURBINE A GAZ**
[72] STAPLETON, DAVID SCOTT, US
[72] CEGLIO, CHRISTOPHER MICHAEL, US
[72] CORREIA, VICTOR HUGO SILVA, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2014-04-25
[86] 2012-08-24 (PCT/US2012/052185)
[87] (WO2013/074165)
[30] US (61/556,270) 2011-11-06
[30] US (13/443,947) 2012-04-11

[11] **2,854,083**
[13] C
[51] **Int.Cl. C07D 491/056 (2006.01) A61K 31/519 (2006.01) C07D 239/94 (2006.01)**
[25] EN
[54] **METHODS OF PREPARING ICOTINIB AND ICOTINIB HYDROCHLORIDE, AND INTERMEDIATES THEREOF**
[54] **PROCEDES DE PREPARATION DE L'ICOTINIB ET DU CHLORHYDRATE D'ICOTINIB, ET D'INTERMEDIAIRES DE CEUX-CI**
[72] HU, SHAOJING, CN
[72] LONG, WEI, CN
[72] WANG, FEI, CN
[72] LI, ZONGQUAN, CN
[73] BETTA PHARMACEUTICALS CO., LTD., CN
[85] 2014-04-30
[86] 2012-12-28 (PCT/CN2012/087802)
[87] (WO2013/064128)

[11] **2,854,091**
[13] C
[51] **Int.Cl. G01C 19/5776 (2012.01)**
[25] EN
[54] **CONTROL DEVICE, ROTATION RATE SENSOR AND METHOD FOR OPERATING A CONTROL DEVICE WITH HARMONIC SET POINT SIGNAL**
[54] **DISPOSITIF DE REGULATION, CAPTEUR DE VITESSE DE ROTATION ET PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN DISPOSITIF DE REGULATION AU MOYEN D'UN SIGNAL DE CONSIGNE HARMONIQUE**
[72] RUF, MARKUS, DE
[73] NORTHROP GRUMMAN LITEF GMBH, DE
[85] 2014-04-30
[86] 2012-10-15 (PCT/EP2012/004307)
[87] (WO2013/079139)
[30] DE (10 2011 119 949.0) 2011-12-01

[11] **2,854,174**
[13] C
[51] **Int.Cl. B60R 13/10 (2006.01)**
[25] EN
[54] **LICENSE PLATE FRAME SPACER UNIT AND SYSTEM**
[54] **DISPOSITIF D'ESPACEMENT DE CADRE DE PLAQUE D'IMMATRICULATION ET DISPOSITIF**
[72] MACNEIL, DAVID F., US
[72] IVERSON, DAVID S., US
[73] MACNEIL IP LLC, US
[86] (2854174)
[87] (2854174)
[22] 2014-06-12
[30] US (14/156705) 2014-01-16

[11] **2,854,341**
[13] C
[51] **Int.Cl. B21D 39/00 (2006.01) B21D 37/00 (2006.01)**
[25] EN
[54] **SIDE LAP SEAM ATTACHMENT TOOL**
[54] **OUTIL DE FIXATION DE COUTURE A RECOUVREMENT LATERAL**
[72] MORTON, VIRGIL R., US
[73] NUCOR CORPORATION, US
[86] (2854341)
[87] (2854341)
[22] 2014-06-12

[11] **2,854,413**
[13] C
[51] **Int.Cl. B04B 11/06 (2006.01)**
[25] EN
[54] **SINGLE USE CENTRIFUGE SYSTEM**
[54] **SYSTEME CENTRIFUGE A USAGE UNIQUE**
[72] KESSLER, STEPHEN B., US
[73] PNEUMATIC SCALE CORPORATION, US
[86] (2854413)
[87] (2854413)
[22] 2009-04-21
[62] 2,721,984
[30] US (61/125,033) 2008-04-22

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[11] **2,854,491**
[13] C
[51] **Int.Cl. G01V 9/02 (2006.01) E21B 47/00 (2012.01)**
[25] EN
[54] **COMBINED RHEOMETER/MIXER HAVING HELICAL BLADES AND METHODS OF DETERMINING RHEOLOGICAL PROPERTIES OF FLUIDS**
[54] **RHEOMETRE/MELANGEUR COMBINE AYANT DES LAMES HELICOIDALES ET PROCEDES DE DETERMINATION DE PROPRIETES RHEOLOGIQUES DE FLUIDES**
[72] MORGAN, RONNIE G., US
[72] PINDIPROLU, SAIRAM K. S., IN
[72] BALARAMAN, BALASUNDARAM, IN
[72] PANGU, GANESH S., IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-05-02
[86] 2012-10-12 (PCT/US2012/060085)
[87] (WO2013/070382)
[30] US (13/293,469) 2011-11-10

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[11] **2,854,895**
[13] C
[51] **Int.Cl. D21C 11/12 (2006.01) B01F 1/00 (2006.01) B01J 4/00 (2006.01)**
[25] EN
[54] **COOLED SMELT RESTRICTOR AT COOLED SMELT SPOUT FOR DISTRUPTING SMELT FLOW FROM THE BOILER**
[54] **ETRANGLEUR DE FUSION REFROIDIE AU NIVEAU D'UNE GOULOTTE DE FUSION REFROIDIE POUR PERTURBER L'ECOULEMENT DE FUSION DEPUIS LA CHAUDIERE**
[72] KUJANPAA, OLLI, US
[73] ANDRITZ INC., US
[85] 2014-05-07
[86] 2012-11-09 (PCT/US2012/064292)
[87] (WO2013/071008)
[30] US (61/557,599) 2011-11-09
[30] US (13/671,746) 2012-11-08

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[11] **2,856,655**
[13] C
[51] **Int.Cl. B64D 31/00 (2006.01) B64C 27/12 (2006.01) B64D 31/12 (2006.01) B64D 35/08 (2006.01)**
[25] FR
[54] **REGULATED THREE-ENGINE POWERPLANT FOR A ROTARY-WING AIRCRAFT**
[54] **INSTALLATION MOTRICE TRIMOTEUR REGULEE POUR UN AERONEF A VOILURE TOURNANTE**
[72] ROSSOTTO, REGIS, FR
[72] BOIE, HANNO, FR
[73] AIRBUS HELICOPTERS, FR
[86] (2856655)
[87] (2856655)
[22] 2014-07-11
[30] FR (13 01749) 2013-07-23

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[11] **2,856,920**
[13] C
[51] **Int.Cl. E04F 15/04 (2006.01) E04C 2/40 (2006.01)**
[25] EN
[54] **FLOOR COVERING, FLOOR ELEMENT AND METHOD FOR MANUFACTURING FLOOR ELEMENTS**
[54] **REVETEMENT DE SOL, ELEMENTS DE SOL ET PROCEDE DE FABRICATION D'ELEMENTS DE SOL**
[72] CAPPELLE, MARK, BE
[73] FLOORING INDUSTRIES LIMITED, SARL, LU
[86] (2856920)
[87] (2856920)
[22] 2007-03-22
[62] 2,652,722
[30] BE (2006/0309) 2006-06-02

---

[11] **2,857,328**
[13] C
[51] **Int.Cl. F27D 11/08 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ELECTRIC ARC FURNACE TEEMING**
[54] **PROCEDE ET APPAREIL POUR COULEE DE FOUR A ARC ELECTRIQUE**
[72] GULIANA, JOHN A., US
[72] BRADA, GUY, A., US
[72] ERICKSEN, CHRISTIAN H., US
[72] LIIMATAINEN, BRUCE C., US
[72] UNDERYS, ALGIRDAS A., US
[73] A. FINKL & SONS CO., US
[86] (2857328)
[87] (2857328)
[22] 2014-07-21
[30] US (13/998,277) 2013-10-18

[11] **2,857,827**
[13] C
[51] **Int.Cl. B23B 39/08 (2006.01) B23B 35/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FORMING PERFORATIONS IN A BARREL SECTION**
[54] **SYSTEME ET PROCEDE POUR FORMER DES PERFORATIONS DANS UNE SECTION DE CYLINDRE**
[72] ZUBIN, CLAUDIO, CA
[72] GIBBINGS, GEOFFREY, CA
[72] SHEWFELT, MATHEW, CA
[72] SIMONOVIC, DAMJAN, CA
[72] FERREIRA, ANTONIO, CA
[72] BOONSTRA, DAVID, CA
[72] GABRIEL, MARK F., CA
[72] LAUDER, ARNOLD J., CA
[73] THE BOEING COMPANY, US
[86] (2857827)
[87] (2857827)
[22] 2014-07-24
[30] US (14/012,243) 2013-08-28

---

[11] **2,858,569**
[13] C
[51] **Int.Cl. B64D 11/06 (2006.01)**
[25] EN
[54] **ELECTROMECHANICAL ACTUATION SYSTEM FOR AIRCRAFT PASSENGER SUITES AND METHOD**
[54] **SYSTEME D'ACTIONNEMENT ELECTROMECANIQUE POUR SALONS DE PASSAGERS D'AVIONS ET PROCEDE ASSOCIE**
[72] UDRISTE, DANIEL I., US
[73] B/E AEROSPACE, INC., US
[85] 2014-06-06
[86] 2012-11-08 (PCT/US2012/064052)
[87] (WO2013/070840)
[30] US (61/556,876) 2011-11-08

---

[11] **2,858,976**
[13] C
[51] **Int.Cl. E21B 34/08 (2006.01) E21B 33/12 (2006.01)**
[25] EN
[54] **SUBTERRANEAN WELL INTERVENTIONLESS FLOW RESTRICTOR BYPASS SYSTEM**
[54] **SYSTEME DE DERIVATION DE RESTRICTEUR D'ECOULEMENT SANS INTERVENTION DE PUITS SOUTERRAIN**
[72] AITKEN, LIAM A., US
[72] KUO, NICHOLAS A., US
[72] CUNNINGHAM, GREGORY S., US
[72] LOPEZ, JEAN-MARC, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-06-11
[86] 2012-01-20 (PCT/US2012/022043)
[87] (WO2013/109287)

---

[11] **2,859,269**
[13] C
[51] **Int.Cl. G06K 9/00 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **SYSTEM FOR DETECTING GENES IN TISSUE SAMPLES**
[54] **SYSTEME POUR DETECTER DES GENES DANS DES ECHANTILLONS DE TISSU**
[72] BAMFORD, PASCAL, US
[72] CHUKKA, SRINIVAS, US
[72] MARTIN, JIM F., US
[72] SARKAR, ANINDYA, US
[72] SERTEL, OLCAY, US
[72] SUZUE, ELLEN, US
[72] VARANGAONKAR, HARSHAL, US
[73] VENTANA MEDICAL SYSTEMS, INC., US
[85] 2014-06-13
[86] 2013-01-29 (PCT/EP2013/051705)
[87] (WO2013/113707)
[30] US (61/593,776) 2012-02-01

---

[11] **2,859,389**
[13] C
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 34/06 (2006.01) E21B 34/16 (2006.01)**
[25] EN
[54] **CONNECTION MAKER**
[54] **DISPOSITIF DE REALISATION DE RACCORDEMENTS**
[72] SUTER, ROGER, US
[72] MOLLEY, DAVID, US
[73] M-I L.L.C., US
[85] 2014-06-13
[86] 2012-12-14 (PCT/US2012/069628)
[87] (WO2013/090660)
[30] US (61/570,377) 2011-12-14

---

[11] **2,859,401**
[13] C
[51] **Int.Cl. F16H 61/12 (2010.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MONITORING STATE OF FUNCTION OF A MATERIALS HANDLING VEHICLE**
[54] **SYSTEME ET PROCEDE SERVANT A CONTROLER L'ETAT DE FONCTIONNEMENT D'UN VEHICULE DE MANUTENTION DE MATERIAUX**
[72] HAMMER, JOE K., US
[72] KOVACH, MICHAEL P., US
[72] ZIEGLER, RONALD L., US
[73] CROWN EQUIPMENT CORPORATION, US
[85] 2014-06-13
[86] 2013-01-23 (PCT/US2013/022676)
[87] (WO2013/112535)
[30] US (61/590,416) 2012-01-25

---

[11] **2,859,765**
[13] C
[51] **Int.Cl. C09D 7/14 (2006.01) C08K 13/04 (2006.01) C08L 67/08 (2006.01) C09D 167/00 (2006.01) C09F 9/00 (2006.01)**
[25] EN
[54] **ALKYD RESIN COMPOSITION COMPRISING SILICA**
[54] **COMPOSITION DE RESINE ALKYDE COMPRENANT DE LA SILICE**
[72] SORENSEN, KENT, SE
[72] LOF, DAVID, SE
[73] PERSTORP AB, SE
[73] DYRUP A/S, DK
[85] 2014-06-18
[86] 2012-12-20 (PCT/SE2012/000209)
[87] (WO2013/100836)
[30] US (61/581,407) 2011-12-29

[11] **2,859,997**
[13] C
[51] **Int.Cl. C07C 69/587 (2006.01)**
[25] EN
[54] **OPHTHALMIC FORMULATION**
[54] **FORMULATION OPHTALMIQUE**
[72] MILLAR, THOMAS, AU
[72] SCHUETT, BURKHARDT, AU
[73] UNIVERSITY OF WESTERN SYDNEY, AU
[85] 2014-06-20
[86] 2012-12-21 (PCT/AU2012/001595)
[87] (WO2013/091020)
[30] AU (2011905421) 2011-12-23

---

[11] **2,860,564**
[13] C
[51] **Int.Cl. C09D 11/328 (2014.01) C09D 11/34 (2014.01)**
[25] EN
[54] **PHASE CHANGE INKS CONTAINING WAX-SOLUBLE NEAR-INFRARED DYES**
[54] **ENCRES A CHANGEMENT DE PHASE CONTENANT DES COLORANTS DANS L'INFRAROUGE PROCHE SOLUBLES DANS LA PARAFFINE**
[72] BANNING, JEFFREY H., US
[72] THOMAS, JULE W., JR., US
[72] WU, BO, US
[72] DRAPPEL, STEPHAN V., CA
[73] XEROX CORPORATION, US
[86] (2860564)
[87] (2860564)
[22] 2014-08-25
[30] US (13/975,933) 2013-08-26

---

[11] **2,860,700**
[13] C
[51] **Int.Cl. A47F 11/06 (2006.01) A47F 5/10 (2006.01)**
[25] EN
[54] **DISPLAY SHELF MODULES WITH PROJECTORS FOR DISPLAYING PRODUCT INFORMATION AND MODULAR SHELVING SYSTEMS COMPRISING THE SAME**
[54] **MODULES D'ETAGERE DE PRESENTATION AVEC PROJECTEURS AFIN D'AFFICHER DES INFORMATIONS DE PRODUIT ET SYSTEMES DE RAYONNAGE MODULAIRE EQUIPES DE CEUX-CI**
[72] BONNER, BRETT BRACEWELL, US
[72] JONES, TITUS ARTHUR, US
[72] GONSIOROWSKI, THOMAS, US
[72] PLATZ, TORSTEN VOLKER, US
[73] SUNRISE R&D HOLDINGS, LLC, US
[85] 2014-07-04
[86] 2013-01-04 (PCT/US2013/020306)
[87] (WO2013/103833)
[30] US (61/583,818) 2012-01-06

---

[11] **2,861,182**
[13] C
[51] **Int.Cl. H04W 12/06 (2009.01) H04W 16/26 (2009.01) H04W 88/16 (2009.01)**
[25] EN
[54] **LOCAL MANAGEMENT AND CONTROL OF REMOTELY SUBSCRIBED WIRELESS COMMUNICATION DEVICES**
[54] **GESTION ET COMMANDE LOCALES DE DISPOSITIFS DE COMMUNICATION SANS FIL ABONNES A DISTANCE**
[72] ABBOTT, ERIC, US
[72] LEKACZ, ERIC, US
[72] LARSEN, TORMOD, US
[73] EXTENET SYSTEMS, INC., US
[85] 2014-07-14
[86] 2012-11-12 (PCT/US2012/064674)
[87] (WO2013/109336)
[30] US (13/353,654) 2012-01-19

---

[11] **2,861,905**
[13] C
[51] **Int.Cl. A47B 81/00 (2006.01) A47B 61/04 (2006.01) A47G 25/84 (2006.01)**
[25] EN
[54] **FOOTWEAR STORAGE DEVICE**
[54] **DISPOSITIF DE RANGEMENT DE CHAUSSURES**
[72] AFOLABI, OLUWAFEMI A., CA
[73] AFOLABI, OLUWAFEMI A., CA
[86] (2861905)
[87] (2861905)
[22] 2014-09-04

---

[11] **2,861,994**
[13] C
[51] **Int.Cl. F23R 3/60 (2006.01)**
[25] EN
[54] **ADAPTOR ASSEMBLY FOR REMOVABLE COMPONENTS**
[54] **ENSEMBLE ADAPTATEUR POUR COMPOSANTS AMOVIBLES**
[72] PONZIANI, ROBERT LOUIS, US
[72] CORSMEIER, DONALD, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2014-07-18
[86] 2012-10-25 (PCT/US2012/061821)
[87] (WO2013/115858)
[30] US (13/362,332) 2012-01-31

---

[11] **2,862,019**
[13] C
[51] **Int.Cl. H04B 7/185 (2006.01)**
[25] EN
[54] **SATELLITE COMMUNICATION SYSTEM TRANSMITTING FREQUENCY HOPPED SIGNALS WITH APLURALITY OF GATEWAYS AND NON PROCESSING SATELLITES**
[54] **SYSTEME DE COMMUNICATION PAR SATELLITE TRANSMETTANT DES SIGNAUX A SAUTS DE FREQUENCE, COMPRENANT UNE PLURALITE DE PASSERELLES ET DES SATELLITES SANS TRAITEMENT**
[72] BALTER, IRWIN, US
[72] GOTTMAN, DENNIS, US
[72] BOTZONG, BRET M., US
[72] SULLIVAN, JOHN M., US
[73] THE BOEING COMPANY, US
[85] 2014-06-16
[86] 2013-02-28 (PCT/US2013/028330)
[87] (WO2013/130812)
[30] US (61/605,610) 2012-03-01
[30] US (13/763,108) 2013-02-08

[11] **2,862,659**
[13] C
[51] **Int.Cl. B21D 26/021 (2011.01) B21D 26/031 (2011.01) B21D 51/18 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FORMING A METAL BEVERAGE CONTAINER USING BLOW MOLDING**
[54] **SYSTEME ET PROCEDE DE FORMATION D'UN CONTENANT METALLIQUE POUR BOISSON PAR MOULAGE PAR SOUFFLAGE**
[72] ADAMS, JOHN, US
[72] GOPALASWAMY, RAJESH, US
[72] ESPINEL, KARINA, US
[73] THE COCA-COLA COMPANY, US
[85] 2014-06-30
[86] 2012-12-31 (PCT/US2012/072325)
[87] (WO2013/102217)
[30] US (61/581,860) 2011-12-30
[30] US (61/586,995) 2012-01-16
[30] US (61/586,990) 2012-01-16

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[11] **2,863,505**
[13] C
[51] **Int.Cl. C23C 28/02 (2006.01) H01R 12/58 (2011.01) C25D 5/12 (2006.01) C25D 7/00 (2006.01) H01R 13/03 (2006.01)**
[25] EN
[54] **PRESS-FIT TERMINAL AND ELECTRONIC COMPONENT USING THE SAME**
[54] **BORNE A ADAPTATION PAR PRESSION ET COMPOSANT ELECTRONIQUE L'UTILISANT**
[72] SHIBUYA, YOSHITAKA, JP
[72] FUKAMACHI, KAZUHIKO, JP
[72] KODAMA, ATSUSHI, JP
[73] JX NIPPON MINING & METALS CORPORATION, JP
[85] 2014-07-31
[86] 2013-01-30 (PCT/JP2013/052102)
[87] (WO2013/115276)
[30] JP (2012-022541) 2012-02-03

---

[11] **2,864,054**
[13] C
[51] **Int.Cl. F16K 5/06 (2006.01)**
[25] EN
[54] **ENERGY RECOVERING FLOW CONTROL VALVE**
[54] **SOUPAPE DE COMMANDE D'ECOULEMENT A RECUPERATION D'ENERGIE**
[72] MALAVASI, STEFANO, IT
[73] POLITECNICO DI MILANO, IT
[85] 2014-08-07
[86] 2013-02-14 (PCT/IB2013/051202)
[87] (WO2013/121375)
[30] IT (MI2012A000234) 2012-02-16

---

[11] **2,864,270**
[13] C
[51] **Int.Cl. A41C 3/12 (2006.01) A44C 25/00 (2006.01)**
[25] EN
[54] **GARMENT AND BRASSIERE ACCESSORY**
[54] **ACCESSOIRE VESTIMENTAIRE ET POUR SOUTIEN-GORGE**
[72] DE SOUSA, MICHELLE E., US
[72] DE SOUSA, JOSE DE, US
[73] DE SOUSA, MICHELLE E., US
[73] DE SOUSA, JOSE DE, US
[86] (2864270)
[87] (2864270)
[22] 2011-05-11
[62] 2,812,530
[30] US (13/095,124) 2011-04-27
[30] US (12/778,212) 2010-05-12

---

[11] **2,864,704**
[13] C
[51] **Int.Cl. D21F 1/08 (2006.01) D21F 3/04 (2006.01) D21F 9/00 (2006.01) D21F 11/14 (2006.01)**
[25] EN
[54] **METHODS FOR FORMING FLUFF PULP SHEETS**
[54] **PROCEDES POUR FORMER DES FEUILLES DE PATE DEFIBREE**
[72] JAAKKOLA, JYRIKI T., US
[72] SEALEY, JAMES E., US
[73] INTERNATIONAL PAPER COMPANY, US
[85] 2014-08-14
[86] 2013-01-25 (PCT/US2013/023062)
[87] (WO2013/122731)
[30] US (13/398,144) 2012-02-16

---

[11] **2,865,431**
[13] C
[51] **Int.Cl. A63B 69/00 (2006.01)**
[25] EN
[54] **HOCKEY PRACTICE SYSTEM**
[54] **SYSTEME D'ENTRAINEMENT DE HOCKEY**
[72] NISKANEN, ERIC J., US
[73] NISKANEN, ERIC J., US
[86] (2865431)
[87] (2865431)
[22] 2014-09-24
[30] US (61883695) 2013-09-27
[30] US (14492259) 2014-09-22

---

[11] **2,865,785**
[13] C
[51] **Int.Cl. A61L 9/01 (2006.01) A61K 8/35 (2006.01) A61Q 13/00 (2006.01) C11B 9/00 (2006.01) C11D 3/50 (2006.01)**
[25] EN
[54] **MALODOR NEUTRALIZING COMPOSITIONS CONTAINING ACIDS AND ALICYCLIC KETONES**
[54] **COMPOSITIONS NEUTRALISANT LES MAUVAISES ODEURS CONTENANT DES ACIDES ET DES CETONES ALICYCLIQUES**
[72] DENTE, STEPHEN V., US
[72] JOHNSON, GARRY, US
[72] BASILE, KETRIN LEKA, US
[72] VERBICKA-ROZITIS, INGA, US
[72] BELTHOFF, EMILY, US
[73] ROBERTET, INC., US
[85] 2014-08-27
[86] 2013-03-26 (PCT/US2013/033927)
[87] (WO2013/148716)
[30] US (61/617,749) 2012-03-30
[30] US (13/829,487) 2013-03-14

[11] **2,865,788**
[13] C
[51] **Int.Cl. B29B 11/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PROVIDING A STRETCHED AND OPTIONALLY CRYSTALLIZED NECK FINISH IN A MOLDED PLASTIC ARTICLE**
[54] **APPAREIL ET PROCEDE PERMETTANT D'OBTENIR UN COL ETIRE ET EVENTUELLEMENT CRISTALLISE DANS UN ARTICLE EN PLASTIQUE MOULE**
[72] BARKER, KEITH, US
[72] LYNCH, BRIAN, US
[72] NAHILL, THOMAS E., US
[72] LUFKIN, KIM, US
[72] MCDONALD, WALTER, US
[72] SEITEL, NORBERT, US
[73] GRAHAM PACKAGING COMPANY, LP, US
[86] (2865788)
[87] (2865788)
[22] 2007-09-05
[62] 2,662,561
[30] US (11/516,337) 2006-09-06
[30] US (11/516,384) 2006-09-06
[30] US (11/516,336) 2006-09-06

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[11] **2,865,989**
[13] C
[51] **Int.Cl. C25C 7/02 (2006.01) C25C 7/04 (2006.01)**
[25] EN
[54] **ANODE AND METHOD OF OPERATING AN ELECTROLYSIS CELL**
[54] **ANODE ET PROCEDE D'UTILISATION DE CELLULE ELECTROLYTIQUE**
[72] NIEMINEN, VILLE, FI
[72] BARKER, MICHAEL H., FI
[72] VIRTANEN, HENRI, FI
[73] OUTOTEC (FINLAND) OY, FI
[85] 2014-08-29
[86] 2013-03-06 (PCT/FI2013/050242)
[87] (WO2013/132157)
[30] FI (20120075) 2012-03-09

---

[11] **2,866,018**
[13] C
[51] **Int.Cl. G02B 6/44 (2006.01)**
[25] EN
[54] **OPTICAL FIBER RIBBON AND OPTICAL FIBER CABLE HOUSING THE OPTICAL FIBER RIBBON**
[54] **FIL A AME ENROULEE DE FIBRE OPTIQUE ET CABLE A FIBRES OPTIQUES RECEVANT LEDIT FIL A AME ENROULEE DE FIBRE OPTIQUE**
[72] ISAJI, MIZUKI, JP
[72] SAJIMA, YOSHIE, JP
[72] OSATO, KEN, JP
[72] OKADA, NAOKI, JP
[72] MATSUZAWA, TAKASHI, JP
[72] TAKE, YUKIKO, JP
[72] YAMADA, YUSUKE, JP
[72] HAMAGUCHI, SHINYA, JP
[72] KAKUTA, DAISUKE, JP
[72] NAKANE, HISAAKI, JP
[73] FUJIKURA LTD., JP
[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[85] 2014-08-29
[86] 2013-02-27 (PCT/JP2013/055138)
[87] (WO2013/129475)
[30] JP (2012-046443) 2012-03-02

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[11] **2,866,691**
[13] C
[51] **Int.Cl. H04W 74/02 (2009.01) H04W 72/12 (2009.01) H04L 1/18 (2006.01) H04L 5/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR HANDLING OF AN UPLINK TRANSMISSION COLLISION WITH AN ACK/NACK SIGNAL**
[54] **SYSTEME ET PROCEDE DE GESTION D'UNE COLLISION DE TRANSMISSION DE LIAISON MONTANTE AVEC UN SIGNAL ACK/NACK**
[72] EARNSHAW, ANDREW MARK, CA
[72] CAI, ZHIJUN, US
[73] BLACKBERRY LIMITED, CA
[85] 2014-09-08
[86] 2013-03-05 (PCT/US2013/028991)
[87] (WO2013/134187)
[30] US (13/416,618) 2012-03-09

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[11] **2,867,068**
[13] C
[51] **Int.Cl. H01M 8/2475 (2016.01) H01M 8/04537 (2016.01) B60K 1/04 (2006.01) B60K 8/00 (2006.01) B60L 11/18 (2006.01) H01M 2/30 (2006.01) H01M 8/02 (2016.01)**
[25] EN
[54] **VEHICLE-MOUNTED CELL STACK SYSTEM**
[54] **SYSTEME D'EMPILEMENT DE PILES MONTE SUR UN VEHICULE**
[72] OSADA, TAKAHITO, JP
[72] NAKAMURA, SHOICHI, JP
[72] ABE, NAOKO, JP
[72] ABE, MITSUTAKA, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2014-09-10
[86] 2013-03-12 (PCT/JP2013/056709)
[87] (WO2013/137215)
[30] JP (2012-056138) 2012-03-13

---

[11] **2,868,517**
[13] C
[51] **Int.Cl. H04N 21/854 (2011.01) H04N 21/637 (2011.01)**
[25] EN
[54] **SHARING TELEVISION AND VIDEO PROGRAMMING THROUGH SOCIAL NETWORKING**
[54] **PARTAGE DE TELEVISION ET DE PROGRAMMATION VIDEO PAR L'INTERMEDIAIRE D'UN RESEAUTAGE SOCIAL**
[72] ARCHIBONG, IME, US
[72] BADROS, GREGORY JOSPEH, US
[72] MARLOW, CAMERON ALEXANDER, US
[72] HEYNEN, MARK, US
[72] SHAFFER, JUSTIN ALEXANDER, US
[72] COX, CHRISTOPHER, US
[73] FACEBOOK, INC., US
[85] 2014-09-24
[86] 2013-04-03 (PCT/US2013/035051)
[87] (WO2013/152060)
[30] US (13/440,306) 2012-04-05

[11] **2,869,137**
[13] C
[51] **Int.Cl. C09D 167/07 (2006.01) B05D 1/36 (2006.01) C09D 5/00 (2006.01) C09D 133/00 (2006.01) C09D 161/28 (2006.01) C09D 171/02 (2006.01) C09D 175/04 (2006.01)**
[25] EN
[54] **AQUEOUS PAINT COMPOSITION AND METHOD OF MANUFACTURING PAINTED ARTICLE**
[54] **COMPOSITION AQUEUSE DE PEINTURE ET PROCEDE DE FABRICATION D'UN ARTICLE PEINT**
[72] ISHIKURA, MINORU, JP
[72] NAKAYABU, TAKASHI, JP
[72] YAMADA, YUKI, JP
[72] HIRAI, KATSUNORI, JP
[73] KANSAI PAINT CO., LTD., JP
[85] 2014-09-30
[86] 2013-04-04 (PCT/JP2013/060379)
[87] (WO2013/151143)
[30] JP (2012-085687) 2012-04-04

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[11] **2,869,834**
[13] C
[51] **Int.Cl. E03D 3/04 (2006.01) F16K 21/06 (2006.01) F16K 31/42 (2006.01)**
[25] EN
[54] **RIGID PISTON VALVE INCORPORATING A SOLENOID**
[54] **ROBINET A PISTON RIGIDE COMPRENANT UN SOLENOIDE**
[72] BUSH, SHAWN D., US
[72] NOTTAGE, RYAN W., US
[73] SDB IP HOLDINGS, LLC, US
[85] 2014-10-06
[86] 2013-04-19 (PCT/US2013/037386)
[87] (WO2013/159002)
[30] US (61/636,174) 2012-04-20

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[11] **2,870,077**
[13] C
[51] **Int.Cl. B23Q 11/00 (2006.01) B23D 59/00 (2006.01) B24B 55/10 (2006.01)**
[25] EN
[54] **DUST EXTRACTION SYSTEM FOR A POWER TOOL**
[54] **SYSTEME D'EXTRACTION DE LA POUSSIERE POUR UN OUTIL ELECTRIQUE**
[72] RUBENS, JEREMY, US
[72] MORENO, JAIME, US
[72] MARTINEZ, CHASTITY, US
[73] ROBERT BOSCH GMBH, DE
[85] 2014-09-26
[86] 2013-03-27 (PCT/US2013/034123)
[87] (WO2013/148847)
[30] US (13/431,312) 2012-03-27

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[11] **2,870,532**
[13] C
[51] **Int.Cl. C23C 2/04 (2006.01) C21D 1/673 (2006.01) C21D 8/02 (2006.01) C23C 2/12 (2006.01) C23C 2/28 (2006.01)**
[25] FR
[54] **STEEL SHEET PROVIDED WITH A COATING OFFERING SACRIFICIAL CATHODIC PROTECTION, METHOD FOR THE PRODUCTION OF A PART USING SUCH A SHEET, AND RESULTING PART**
[54] **TOLE D'ACIER MUNIE D'UN REVETEMENT A PROTECTION CATHODIQUE SACRIFICIELLE, PROCEDE DE FABRICATION D'UNE PIECE PAR MISE EN OEUVRE D'UNE TELLE TOLE ET PIECE AINSI OBTENUE**
[72] ALLELY, CHRISTIAN, FR
[72] CHASSAGNE, JULIE, BE
[72] CORLU, BERIL, BE
[73] ARCELORMITTAL INVESTIGACION Y DESARROLLO SL, ES
[85] 2014-10-15
[86] 2012-04-17 (PCT/FR2012/000149)
[87] (WO2013/156688)

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[11] **2,870,608**
[13] C
[51] **Int.Cl. F16K 1/22 (2006.01) F16K 27/02 (2006.01)**
[25] EN
[54] **ACTUATOR MOUNTING SYSTEM AND METHOD OF MOUNTING**
[54] **SYSTEME DE MONTAGE D'ACTIONNEUR ET PROCEDE DE MONTAGE**
[72] SIMPSON, ANDREW DAVID, US
[72] SANDY, MICHAEL EDWARD, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2014-10-16
[86] 2013-03-27 (PCT/US2013/033987)
[87] (WO2013/162810)
[30] US (61/639,578) 2012-04-27
[30] US (13/691,223) 2012-11-30

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[11] **2,870,619**
[13] C
[51] **Int.Cl. F41A 9/61 (2006.01) F41A 9/72 (2006.01)**
[25] EN
[54] **LATERALLY CURVED PISTOL MAGAZINE**
[54] **CHARGEUR DE PISTOLET A COURBURE LATERALE**
[72] MCPHERSON, MATHEW A., US
[73] TAURUS INTERNATIONAL MANUFACTURING, INC., US
[85] 2014-10-15
[86] 2013-05-23 (PCT/US2013/042436)
[87] (WO2013/177404)
[30] US (61/651,505) 2012-05-24
[30] US (13/622,299) 2012-09-18

[11] **2,871,641**
[13] C
[51] **Int.Cl. A61F 2/68 (2006.01) A61F 2/80 (2006.01)**
[25] EN
[54] **PROSTHETIC DEVICE, SYSTEM AND METHOD FOR INCREASING VACUUM ATTACHMENT**
[54] **DISPOSITIF PROTHETIQUE, SYSTEME ET PROCEDE POUR ACCROITRE UNE ATTACHE DE MISE AU VIDE**
[72] HALLDORSSON, OLAFUR FREYR, IS
[72] SANDAHL, DAVID, IS
[72] GUNNARSSON, BJARNI, IS
[72] EGILSSON, EGILL SVEINBJORN, IS
[72] JONSSON, GRIMUR, IS
[73] OSSUR HF, IS
[85] 2014-10-24
[86] 2013-04-29 (PCT/US2013/038668)
[87] (WO2013/165909)
[30] US (61/640,056) 2012-04-30
[30] US (61/683,245) 2012-08-15
[30] US (61/762,097) 2013-02-07

[11] **2,872,680**
[13] C
[51] **Int.Cl. B01D 35/30 (2006.01) B01D 29/11 (2006.01) B01D 35/02 (2006.01)**
[25] EN
[54] **FILTERING CONTAINER**
[54] **RECIPIENT FILTRANT**
[72] LOMBARDO, ANDREW W., US
[72] HUDA, STEPHEN P., US
[72] KAHN, MALCOLM R., US
[73] KX TECHNOLOGIES LLC, US
[85] 2014-11-04
[86] 2013-12-17 (PCT/US2013/075680)
[87] (WO2014/105518)
[30] US (13/729,849) 2012-12-28

[11] **2,873,791**
[13] C
[51] **Int.Cl. C12P 7/06 (2006.01) C12M 1/00 (2006.01) C12P 7/16 (2006.01) C12P 7/28 (2006.01) C12P 7/54 (2006.01)**
[25] EN
[54] **A FERMENTATION AND SIMULATED MOVING BED PROCESS**
[54] **PROCEDE DE FERMENTATION A LIT MOBILE SIMULE**
[72] SCHULTZ, MICHAEL ANTHONY, US
[72] HAVILL, ALICE, NZ
[72] OROSKAR, ANIL, US
[73] LANZATECH NEW ZEALAND LIMITED, NZ
[73] SCHULTZ, MICHAEL ANTHONY, US
[85] 2014-11-14
[86] 2013-05-23 (PCT/US2013/042528)
[87] (WO2013/177466)
[30] US (61/650,655) 2012-05-23

[11] **2,874,516**
[13] C
[51] **Int.Cl. G01N 9/00 (2006.01) F17C 13/02 (2006.01) G01N 29/036 (2006.01) G01N 29/22 (2006.01)**
[25] EN
[54] **METHOD OF, AND APPARATUS FOR, MEASURING THE TRUE CONTENTS OF A CYLINDER OF GAS UNDER PRESSURE**
[54] **PROCEDE ET APPAREIL POUR MESURER LE CONTENU REEL D'UNE BONBONNE DE GAZ SOUS PRESSION**
[72] DOWNIE, NEIL ALEXANDER, GB
[72] LUDIK, CLAYTON MATHEW, GB
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[85] 2014-11-24
[86] 2013-05-23 (PCT/EP2013/060689)
[87] (WO2013/174957)
[30] EP (12169387.3) 2012-05-24

[11] **2,876,944**
[13] C
[51] **Int.Cl. C08G 75/045 (2016.01) C08L 81/02 (2006.01)**
[25] EN
[54] **MICHAEL ADDITION CURING CHEMISTRIES FOR SULFUR-CONTAINING POLYMER COMPOSITIONS**
[54] **CHIMIES DE DURCISSEMENT PAR ADDITION DE MICHAEL POUR COMPOSITIONS COMPRENANT DES POLYMERES SOUFRES**
[72] ANDERSON, LAWRENCE G., US
[72] CAI, JUEXIAO, US
[72] ITO, MARFI, US
[72] KELEDJIAN, RAQUEL, US
[72] LIN, RENHE, US
[73] PRC-DESOTO INTERNATIONAL, INC., US
[85] 2014-12-15
[86] 2013-06-21 (PCT/US2013/046948)
[87] (WO2013/192480)
[30] US (13/529,237) 2012-06-21
[30] US (13/659,152) 2012-10-24

[11] **2,877,005**
[13] C
[51] **Int.Cl. C07D 491/18 (2006.01) A61K 31/4995 (2006.01) A61P 31/14 (2006.01)**
[25] EN
[54] **INHIBITORS OF HEPATITIS C VIRUS**
[54] **INHIBITEURS DU VIRUS DE L'HEPATITE C**
[72] BJORNSON, KYLA, US
[72] CANALES, EDA, US
[72] COTTELL, JEROMY J., US
[72] KARKI, KAPIL KUMAR, US
[72] KATANA, ASHLEY ANNE, US
[72] KATO, DARRYL, US
[72] KOBAYASHI, TETSUYA, US
[72] LINK, JOHN O., US
[72] MARTINEZ, RUBEN, US
[72] PHILLIPS, BARTON W., US
[72] PYUN, HYUNG-JUNG, US
[72] SANGI, MICHAEL, US
[72] SCHRIER, ADAM JAMES, US
[72] SIEGEL, DUSTIN, US
[72] TAYLOR, JAMES G., US
[72] TRAN, CHINH VIET, US
[72] TREJO MARTIN, TERESA ALEJANDRA, US
[72] VIVIAN, RANDALL W., US
[72] YANG, ZHENG-YU, US
[72] ZABLOCKI, JEFF, US
[72] ZIPFEL, SHEILA, US
[73] GILEAD SCIENCES, INC., US
[85] 2014-12-16
[86] 2013-07-02 (PCT/US2013/049119)
[87] (WO2014/008285)
[30] US (61/667,806) 2012-07-03
[30] US (61/798,524) 2013-03-15

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[11] **2,877,152**
[13] C
[51] **Int.Cl. C08G 18/10 (2006.01) C08G 18/42 (2006.01) C09D 175/04 (2006.01)**
[25] EN
[54] **COATING COMPOSITIONS WITH AN ISOCYANATE-FUNCTIONAL PREPOLYMER DERIVED FROM A TRICYCLODECANE POLYOL, METHODS FOR THEIR USE, AND RELATED COATED SUBSTRATES**
[54] **COMPOSITIONS DE REVETEMENT COMPRENANT UN PREPOLYMERE A FONCTIONNALITE ISOCYANATE DERIVE D'UN POLYOL TRICYCLODECANE, LEURS PROCEDES D'UTILISATION, ET SUBSTRATS REVETUS ASSOCIES**
[72] ABRAMI, SIAMANTO, US
[72] TANG, GUANGLIANG, US
[73] PRC-DESOTO INTERNATIONAL, INC., US
[85] 2014-12-17
[86] 2013-06-19 (PCT/US2013/046455)
[87] (WO2014/004187)
[30] US (13/533,209) 2012-06-26

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[11] **2,877,611**
[13] C
[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/34 (2006.01) B01D 53/50 (2006.01) B01D 53/60 (2006.01) B01D 53/74 (2006.01) B01D 53/77 (2006.01) B01D 53/94 (2006.01)**
[25] EN
[54] **AIR POLLUTION CONTROL APPARATUS**
[54] **DISPOSITIF DE TRAITEMENT DE GAZ DE DECHARGE**
[72] OISHI, TSUYOSHI, JP
[72] TANAKA, HIROSHI, JP
[72] UKAWA, NAOHIKO, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2014-12-22
[86] 2013-05-17 (PCT/JP2013/063828)
[87] (WO2013/176060)
[30] JP (2012-119786) 2012-05-25

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[11] **2,878,049**
[13] C
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4353 (2006.01) A61P 35/00 (2006.01) C07D 401/12 (2006.01) C07D 487/02 (2006.01)**
[25] EN
[54] **FUSED PYRIDINE DERIVATIVES USEFUL AS C-MET TYROSINE KINASE INHIBITORS**
[54] **DERIVES FUSIONNES DE PYRIDINE POUVANT ETRE UTILISES EN TANT QU'INHIBITEURS DE LA TYROSINE KINASE C-MET**
[72] HU, SHAOJING, CN
[72] WANG, FEI, CN
[72] XU, ZHIGUO, CN
[72] WANG, YANPING, CN
[72] WANG, YINXIANG, CN
[73] BETTA PHARMACEUTICALS CO., LTD., CN
[85] 2014-12-29
[86] 2013-07-01 (PCT/CN2013/078592)
[87] (WO2014/000713)
[30] CN (PCT/CN2012/077924) 2012-06-29

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[11] **2,878,810**
[13] C
[51] **Int.Cl. C23C 2/06 (2006.01) B60J 5/04 (2006.01)**
[25] FR
[54] **ASSEMBLY OF AN ALUMINUM COMPONENT AND OF A STEEL COMPONENT HAVING A ZNALMG ALLOY COATING**
[54] **ASSEMBLAGE D'UNE PIECE A BASE D'ALUMINIUM ET D'UNE PIECE EN ACIER MUNIE D'UN REVETEMENT A BASE D'UN ALLIAGE ZNAIMG**
[72] ALLELY, CHRISTIAN, FR
[72] COFFIGNY-GREGOIRE, ASTRID, FR
[72] DOSDAT, LAURENCE, FR
[72] MOREL, STEPHANE, FR
[73] ARCELORMITTAL, LU
[85] 2015-01-09
[86] 2013-05-13 (PCT/IB2013/000929)
[87] (WO2014/184599)

[11] **2,879,392**
[13] C
[51] **Int.Cl. C08G 77/388 (2006.01) A61K 8/898 (2006.01) C08G 77/452 (2006.01) C08L 83/10 (2006.01)**
[25] EN
[54] **CONSUMER PRODUCT COMPOSITIONS COMPRISING ORGANOPOLYSILOXANE EMULSIONS**
[54] **COMPOSITIONS DE PRODUITS DE CONSOMMATION COMPORTANT DES EMULSIONS D'ORGANOPOLYSILOXANES**
[72] GIZAW, YONAS, US
[72] SMITH, STEVEN DARYL, US
[72] MCCHAIN, ROBERT JOSEPH, US
[72] PANANDIKER, RAJAN KESHAV, US
[72] BARRERA, CAROLA, US
[72] KOENIG, PETER HERBERT, US
[72] JAMADAGNI, SUMANTH NARAHARI, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-01-15
[86] 2013-07-29 (PCT/US2013/052589)
[87] (WO2014/018987)
[30] US (61/676,744) 2012-07-27
[30] US (61/763,066) 2013-02-11

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[11] **2,879,397**
[13] C
[51] **Int.Cl. C08G 77/388 (2006.01) A61K 8/898 (2006.01) A61L 15/26 (2006.01) C08G 77/452 (2006.01)**
[25] EN
[54] **ABSORBENT ARTICLES COMPRISING ORGANOPOLYSILOXANE CONDITIONING POLYMERS**
[54] **ARTICLES ABSORBANTS COMPORTANT DES POLYMERES CONDITIONNEURS ORGANOPOLYSILOXANES**
[72] BARRERA, CAROLA, US
[72] SMITH, STEVEN DARYL, US
[72] MCCHAIN, ROBERT JOSEPH, US
[72] GIZAW, YONAS, US
[72] PANANDIKER, RAJAN KESHAV, US
[72] NEAL, CHARLES WILLIAM, US
[72] HAMMONS, JOHN LEE, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-01-15
[86] 2013-07-29 (PCT/US2013/052594)
[87] (WO2014/018989)
[30] US (61/676,744) 2012-07-27
[30] US (61/763,066) 2013-02-11

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[11] **2,880,483**
[13] C
[51] **Int.Cl. B66C 23/42 (2006.01) B60P 1/54 (2006.01) B66C 9/08 (2006.01) B66C 17/06 (2006.01)**
[25] EN
[54] **TRAVELER ROLLER**
[54] **ROULEAU DE DEPLACEMENT**
[72] MCCONNELL, RALPH EDWARD, US
[73] MILLER INDUSTRIES TOWING EQUIPMENT INC., US
[85] 2015-01-28
[86] 2013-07-18 (PCT/US2013/051117)
[87] (WO2014/022113)
[30] US (13/565,100) 2012-08-02

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[11] **2,880,508**
[13] C
[51] **Int.Cl. B67D 1/07 (2006.01) B67D 1/12 (2006.01)**
[25] EN
[54] **BEVERAGE DISPENSING APPARATUS WITH A CARBONATION SYSTEM**
[54] **APPAREIL DE DISTRIBUTION DE BOISSONS COMPRENANT UN SYSTEME DE CARBONATATION**
[72] WILDER, HAIM, IL
[72] KRYSTAL, EYAL, IL
[72] MERON, MORDECHAY, IL
[72] GORDON, BENNY, IL
[72] EYAL, EHUD, IL
[73] STRAUSS WATER LTD., IL
[85] 2015-01-29
[86] 2013-09-11 (PCT/IL2013/050768)
[87] (WO2014/041539)
[30] IL (221929) 2012-09-13

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[11] **2,880,857**
[13] C
[51] **Int.Cl. H04L 12/70 (2013.01)**
[25] EN
[54] **METHOD, RELATED DEVICE, AND SYSTEM FOR INTER-TERMINAL INTERACTIONS**
[54] **PROCEDE, DISPOSITIF ASSOCIE ET SYSTEME PERMETTANT DES INTERACTIONS ENTRE DES TERMINAUX**
[72] HUANG, XUEKE, CN
[72] NING, CHENGGONG, CN
[72] WANG, MINGHUI, CN
[72] JI, MINGZHONG, CN
[72] HUANG, XIAOJUN, CN
[72] WANG, HUIXING, CN
[72] XU, HUABIN, CN
[72] WEN, GUANGHAI, CN
[72] WU, ZHIHUA, CN
[72] LIANG, ZHU, CN
[72] ZHENG, ZHIHAO, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2015-02-02
[86] 2013-08-08 (PCT/CN2013/081100)
[87] (WO2014/040459)
[30] CN (201210344135.0) 2012-09-17

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[11] **2,882,029**
[13] C
[51] **Int.Cl. A61M 39/08 (2006.01) B32B 1/08 (2006.01) B32B 27/30 (2006.01) B32B 27/40 (2006.01)**
[25] EN
[54] **POLYURETHANE-POLYETHYLENE DELAMINATION RESISTANT TUBING WITH GAS BARRIER PROPERTIES**
[54] **TUBAGE EN POLYURETHANNE-POLYETHYLENE RESISTANT A LA DELAMINATION DOTE DE PROPRIETES DE BARRIERE VIS-A-VIS DES GAZ**
[72] BOURGEOIS, PHILIP, US
[72] MUNISH, SHAH, US
[73] TEKNI-PLEX, INC., US
[85] 2015-02-13
[86] 2013-08-15 (PCT/US2013/055075)
[87] (WO2014/028700)
[30] US (13/586,288) 2012-08-15

[11] **2,882,180**
[13] C
[51] **Int.Cl. H04L 9/14 (2006.01) H04L 9/32 (2006.01) H04L 12/58 (2006.01)**
[25] EN
[54] **IDENTITY-BASED ENCRYPTION SYSTEM**
[54] **SYSTEME DE CRYPTAGE FONDE SUR L'IDENTITE**
[72] APPENZELLER, GUIDO, US
[72] PAUKER, MATTHEW J., US
[72] KACKER, RISHI R., US
[73] VOLTAGE SECURITY, INC., US
[86] (2882180)
[87] (2882180)
[22] 2003-11-12
[62] 2,846,987
[30] US (10/298,991) 2002-11-14

[11] **2,882,443**
[13] C
[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/713 (2006.01) A61P 35/00 (2006.01) C07H 21/02 (2006.01)**
[25] EN
[54] **RNAI PROBES TARGETING CANCER-RELATED PROTEINS**
[54] **SONDES D'ARN INTERFERANT CIBLANT DES PROTEINES EN RELATION AVEC LE CANCER**
[72] JANSEN, BURKHARD, CA
[72] GLEAVE, MARTIN E., CA
[72] SIGNAEVSKY, MAXIM, CA
[72] BERALDI, ELIANA, CA
[72] TROUGAKOS, IOANNIS P., GR
[72] GONOS, EFSTATHIOS S., GR
[73] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[86] (2882443)
[87] (2882443)
[22] 2003-08-21
[62] 2,494,766
[30] US (60/405,193) 2002-08-21
[30] US (60/408,152) 2002-09-03
[30] US (60/472,387) 2003-05-20

[11] **2,882,478**
[13] C
[51] **Int.Cl. B64C 25/62 (2006.01) B64C 25/06 (2006.01) F16F 13/00 (2006.01)**
[25] EN
[54] **LINKING DAMPER SYSTEM FOR A ROTORCRAFT LANDING GEAR**
[54] **SYSTEME D'ATTENUATEUR LIE POUR UN TRAIN D'ATTERRISSAGE D'UN GIRAVION**
[72] OBERINGER, OLIVER, DE
[73] AIRBUS HELICOPTERS DEUTSCHLAND GMBH, DE
[86] (2882478)
[87] (2882478)
[22] 2015-02-19
[30] EP (14 400036.1) 2014-05-13

[11] **2,882,825**
[13] C
[51] **Int.Cl. A47L 13/257 (2006.01)**
[25] EN
[54] **FLAT MOP COVER WITH TWO CLEANING SURFACES**
[54] **HOUSSE DE LAVAGE A PLAT PRESENTANT DEUX SURFACES DE NETTOYAGE**
[72] SMEIJER, DENNIS, NL
[72] CARUSO, THOMAS, US
[72] GUBENKO, LEO, US
[72] SEIFTS, JOSEPH, US
[73] CARL FREUDENBERG KG, DE
[85] 2015-02-23
[86] 2013-05-24 (PCT/EP2013/001536)
[87] (WO2014/040661)
[30] DE (10 2012 017 971.5) 2012-09-12

[11] **2,883,679**
[13] C
[51] **Int.Cl. A22C 17/00 (2006.01) A22C 25/08 (2006.01) B65G 21/06 (2006.01)**
[25] EN
[54] **CONVEYING APPARATUS FOR ITEMS IN THE FISH AND MEAT PROCESSING INDUSTRY**
[54] **DISPOSITIF DE TRANSPORT D'ARTICLES DE L'INDUSTRIE DU POISSON ET DE LA VIANDE**
[72] PEDERSEN, HENNING B., DK
[73] NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG, DE
[85] 2015-02-27
[86] 2013-08-28 (PCT/EP2013/067832)
[87] (WO2014/033177)
[30] DE (20 2012 103 282.1) 2012-08-29

[11] **2,883,728**
[13] C
[51] **Int.Cl. B23Q 41/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ASSEMBLY MANUFACTURING**
[54] **SYSTEME ET METHODE DE FABRICATION D'ASSEMBLAGE**
[72] REID, ERIC M., US
[72] DESJARDIEN, MATTHEW R., US
[72] BATT, EDWARD J., US
[72] MICALE, ANTONIO C., US
[73] THE BOEING COMPANY, US
[86] (2883728)
[87] (2883728)
[22] 2015-02-26
[30] US (14/222,878) 2014-03-24

[11] **2,885,219**
[13] C
[51] **Int.Cl. F27B 21/06 (2006.01) F27D 99/00 (2010.01) F27B 21/08 (2006.01)**
[25] EN
[54] **MACHINE FOR THE THERMAL TREATMENT OF BULK MATERIAL**
[54] **MACHINE POUR LE TRAITEMENT THERMIQUE DE MATERIAU EN VRAC**
[72] SCHULAKOW-KLASS, ANDREJ, DE
[72] MANTHEY, PIERRE, DE
[72] SCHMIDT, EUGEN, DE
[72] BRUDNYJ, EDGAR, DE
[73] OUTOTEC (FINLAND) OY, FI
[85] 2015-03-17
[86] 2012-10-08 (PCT/EP2012/069845)
[87] (WO2014/056519)

[11] **2,886,013**
[13] C
[51] **Int.Cl. B09B 5/00 (2006.01) A61F 13/15 (2006.01) B07B 4/08 (2006.01) B29B 17/02 (2006.01) D21B 1/08 (2006.01)**
[25] EN
[54] **SEPARATING DEVICE OF MATERIAL OF ABSORBENT ARTICLE**
[54] **DISPOSITIF POUR SEPARER DU MATERIAU ASSOCIE A UN ARTICLE ABSORBANT**
[72] HAYASHI, TOMOKI, JP
[72] OYAMA, HIDETAKA, JP
[72] KAGAWA, MASASHI, JP
[73] UNICHARM CORPORATION, JP
[85] 2015-03-23
[86] 2013-10-24 (PCT/JP2013/078796)
[87] (WO2014/069320)
[30] JP (2012-243052) 2012-11-02

[11] **2,887,248**
[13] C
[51] **Int.Cl. E21B 34/00 (2006.01) E21B 33/068 (2006.01)**
[25] EN
[54] **ATMOSPHERE TO PRESSURE BALL DROP APPARATUS**
[54] **APPAREIL INTRODUCTEUR DE BILLES A MISE EN PRESSION**
[72] ARTHERHOLT, DANNY, US
[72] MCGUIRE, BOB, US
[72] GARDNER, JEREMY, US
[72] ARTHERHOLT, DENNIS, US
[73] OIL STATES ENERGY SERVICES, L.L.C., US
[85] 2015-03-27
[86] 2014-07-11 (PCT/US2014/046349)
[87] (WO2015/009568)
[30] US (61/847,346) 2013-07-17

[11] **2,887,609**
[13] C
[51] **Int.Cl. B62D 47/00 (2006.01) B62B 7/12 (2006.01) B62B 15/00 (2006.01) B62K 27/00 (2006.01)**
[25] EN
[54] **SECURITY ARRANGEMENT IN A MULTI-FUNCTION PASSENGER CARRIER**
[54] **AGENCEMENT DE SECURITE DANS UN SUPPORT DE PASSAGER MULTIFONCTIONNEL**
[72] FLEMING, WESLEY JUSTIN, CA
[73] THULE CHILD TRANSPORT SYSTEMS LTD., CA
[85] 2015-04-13
[86] 2013-10-09 (PCT/CA2013/050760)
[87] (WO2014/059538)
[30] EP (12188528.9) 2012-10-15

[11] **2,887,714**
[13] C
[51] **Int.Cl. B64D 1/00 (2006.01) B64C 39/02 (2006.01) B64D 1/16 (2006.01)**
[25] EN
[54] **ONBOARD POLYMER GEL PREPARATION SYSTEM FOR AIRCRAFT WITH SNORKEL INTAKE**
[54] **SYSTEME DE PREPARATION DE GEL POLYMERE EMBARQUE POUR AERONEF AVEC ADMISSION DE SCHNORCHEL**
[72] DOTEN, LEONARD E., US
[73] DOTEN, LEONARD E., US
[86] (2887714)
[87] (2887714)
[22] 2015-04-14
[30] US (14/616,271) 2015-02-06

[11] **2,889,330**
[13] C
[51] **Int.Cl. A24B 15/18 (2006.01)**
[25] EN
[54] **TREATMENT OF TOBACCO MATERIAL**
[54] **TRAITEMENT DU TABAC**
[72] COATES, STEVE, GB
[72] HU, JIN, GB
[72] BAILEY, TREVOR, GB
[72] JAMES, RACHEL ANNE, GB
[73] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2015-04-23
[86] 2013-11-25 (PCT/GB2013/053106)
[87] (WO2014/080228)
[30] GB (1221209.8) 2012-11-26

[11] **2,889,518**
[13] C
[51] **Int.Cl. C08G 63/91 (2006.01) A61K 9/00 (2006.01) A61K 9/19 (2006.01) A61P 35/00 (2006.01) C08G 63/08 (2006.01)**
[25] EN
[54] **AN AMPHIPHILIC BLOCK COPOLYMER, THE PREPARATION METHOD THEREOF, AND A MICELLAR DRUG-LOADED SYSTEM FORMED BY SAID COPOLYMER AND AN ANTI-TUMOR DRUG**
[54] **COPOLYMERE SEQUENCE AMPHIPHILE ET SON PROCEDE DE PREPARATION ET SYSTEME MICELLAIRE CHARGE DE MEDICAMENT FORME PAR CELUI-CI ET COMPRENANT UN MEDICAMENT ANTITUMORAL**
[72] LIU, KE, CN
[72] GONG, FEIRONG, CN
[72] XU, HUI, CN
[72] LANG, YUEWU, CN
[72] FAN, HUAYING, CN
[72] HAN, FEI, CN
[72] CHE, XIN, CN
[73] CHANGZHOU TARGET MEDICINE TECHNOLOGY CO., LIMITED, CN
[85] 2015-04-24
[86] 2013-09-22 (PCT/CN2013/083958)
[87] (WO2014/063549)
[30] CN (201210414318.5) 2012-10-26

[11] **2,890,809**
[13] C
[51] **Int.Cl. A61B 5/0448 (2006.01) A61B 5/0408 (2006.01) A61B 5/0492 (2006.01)**
[25] EN
[54] **RADIAL ELECTRODE ARRAY**
[54] **RANGEE RADIALE D'ELECTRODES**
[72] MEYER, PETER, US
[73] TYCO HEALTHCARE GROUP LP, US
[86] (2890809)
[87] (2890809)
[22] 2007-04-23
[62] 2,585,709
[30] US (60/798,642) 2006-05-06
[30] US (11/529,651) 2006-09-28

[11] **2,891,230**
[13] C
[51] **Int.Cl. B01D 53/26 (2006.01) F17D 3/14 (2006.01)**
[25] EN
[54] **AIR DRYING ARRANGEMENT**
[54] **ENSEMBLE DE SECHAGE A L'AIR**
[72] HOFFMAN, FRED W., US
[72] QUINN, LEONARD A., US
[73] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
[86] (2891230)
[87] (2891230)
[22] 2007-09-26
[62] 2,604,447
[30] US (11/595,710) 2006-11-10

---

[11] **2,891,664**
[13] C
[51] **Int.Cl. H04N 21/2387 (2011.01) H04N 21/4147 (2011.01) H04N 21/43 (2011.01) H04N 21/6587 (2011.01) H04N 19/70 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING BROADCAST SIGNAL FOR PROVIDING TRICK PLAY SERVICE**
[54] **PROCEDE ET APPAREIL D'EMISSION ET DE RECEPTION DE SIGNAL RADIODIFFUSE SERVANT A FOURNIR UN SERVICE TRICK PLAY**
[72] HWANG, SOOJIN, KR
[72] OH, HYUNMOOK, KR
[72] SUH, JONGYEUL, KR
[72] YOON, JOONHEE, KR
[73] LG ELECTRONICS INC., KR
[85] 2015-02-26
[86] 2014-11-18 (PCT/KR2014/011042)
[87] (WO2015/080414)
[30] US (61/910,416) 2013-12-01
[30] US (61/952,140) 2014-03-13
[30] US (61/954,615) 2014-03-18
[30] US (61/970,910) 2014-03-27

---

[11] **2,894,782**
[13] C
[51] **Int.Cl. C10B 27/06 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR REGULATING AND CONTROLLING THE GAS PRESSURE**
[54] **DISPOSITIF ET PROCEDE DE REGULATION ET DE COMMANDE DE LA PRESSION D'UN GAZ**
[72] KIRCHMEIER, MARTIN, DE
[72] BOHN, MICHAEL, DE
[72] DANREITER, MANFRED, DE
[72] LIESEWITZ, FRANZ, DE
[72] GAJIC, DRAZEN, DE
[73] DMT GMBH & CO. KG, DE
[85] 2015-06-11
[86] 2013-10-10 (PCT/EP2013/003052)
[87] (WO2014/090353)
[30] EP (12008356.3) 2012-12-14

---

[11] **2,895,798**
[13] C
[51] **Int.Cl. G01P 5/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DYNAMIC VISUALIZATION OF FLUID VELOCITY IN SUBSURFACE RESERVOIRS**
[54] **SYSTEMES ET PROCEDES DE VISUALISATION DYNAMIQUE DE VITESSE DE FLUIDE DANS DES RESERVOIRS SOUTERRAINS**
[72] GEHIN, MAURICE CHRISTOPHER, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2015-06-18
[86] 2014-01-29 (PCT/US2014/013669)
[87] (WO2014/120822)
[30] US (13/753,420) 2013-01-29

---

[11] **2,895,916**
[13] C
[51] **Int.Cl. G10L 19/24 (2013.01) G10L 19/032 (2013.01) H03M 7/30 (2006.01)**
[25] EN
[54] **FREQUENCY SEGMENTATION TO OBTAIN BANDS FOR EFFICIENT CODING OF DIGITAL MEDIA**
[54] **SEGMENTATION DE FREQUENCE PERMETTANT D'OBTENIR DES BANDES DE CODAGE EFFICACE DE DONNEES MULTIMEDIA NUMERIQUES**
[72] MEHROTRA, SANJEEV, US
[72] CHEN, WEI-GE, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[86] (2895916)
[87] (2895916)
[22] 2006-07-14
[62] 2,610,595
[30] US (11/183,087) 2005-07-15

---

[11] **2,900,653**
[13] C
[51] **Int.Cl. F16C 35/073 (2006.01) F16C 23/08 (2006.01) F16D 1/097 (2006.01)**
[25] EN
[54] **WEDGE-TYPE BEARING ASSEMBLY**
[54] **ENSEMBLE ROULEMENT EN COIN**
[72] CASEY, MARLON R., US
[72] KUNKLE, AARON H., US
[73] REXNORD INDUSTRIES, LLC, US
[86] (2900653)
[87] (2900653)
[22] 2007-04-20
[62] 2,650,948
[30] US (11/414,817) 2006-05-01

[11] **2,901,736**
[13] C
[51] **Int.Cl. H04B 7/185 (2006.01) H04B 7/155 (2006.01)**
[25] EN
[54] **RELAY CONTROL STATION, REPEATER, AND INTERFERENCE SUPPRESSING METHOD**
[54] **STATION DE COMMANDE DE RELAIS, REPETEUR, ET PROCEDE POUR UNE REPRESSION DE BROUILLAGE**
[72] TANI, SHIGENORI, JP
[72] MOTOYOSHI, KATSUYUKI, JP
[72] FUJIMURA, AKINORI, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2015-08-18
[86] 2013-11-22 (PCT/JP2013/081514)
[87] (WO2014/129038)
[30] JP (2013-032222) 2013-02-21

---

[11] **2,903,090**
[13] C
[51] **Int.Cl. B26B 1/04 (2006.01)**
[25] EN
[54] **FOLDABLE HAND-HELD TOOL**
[54] **OUTIL A MAIN PLIABLE**
[72] KOHL, PETER, DE
[72] MISSEL, PATRICK, DE
[72] REH, BERNHARD, DE
[73] HUSQVARNA AB, SE
[85] 2015-08-31
[86] 2013-03-19 (PCT/EP2013/055638)
[87] (WO2014/146689)

---

[11] **2,906,181**
[13] C
[51] **Int.Cl. G06F 3/048 (2013.01) G06F 3/01 (2006.01)**
[25] EN
[54] **TILTING TO SCROLL**
[54] **INCLINAISON POUR DEFILEMENT**
[72] MATAS, MICHAEL, US
[72] AMERIGE, BRIAN, D.I., US
[73] FACEBOOK, INC., US
[85] 2015-09-11
[86] 2014-03-17 (PCT/US2014/030125)
[87] (WO2014/153279)
[30] US (13/846,131) 2013-03-18

---

[11] **2,907,497**
[13] C
[51] **Int.Cl. B08B 9/04 (2006.01) B08B 9/027 (2006.01) B08B 9/035 (2006.01)**
[25] EN
[54] **CONDENSATE DRAIN CLEARING DEVICE AND METHOD**
[54] **PROCEDE ET DISPOSITIF DE NETTOYAGE DE TUYAU D'EVACUATION DE CONDENSATS**
[72] MCFARLAND, RICHARD DEAN, US
[73] GOOD DAY TOOLS LLC, US
[85] 2015-07-29
[86] 2014-01-29 (PCT/US2014/013522)
[87] (WO2014/120724)
[30] US (13/752,579) 2013-01-29

---

[11] **2,910,206**
[13] C
[51] **Int.Cl. A61K 31/573 (2006.01) A61K 31/05 (2006.01) A61K 31/352 (2006.01) A61P 17/06 (2006.01)**
[25] EN
[54] **NOVEL THERAPEUTIC COMPOSITION**
[54] **NOUVELLE COMPOSITION THERAPEUTIQUE**
[72] MODI, PANKAJ, CA
[73] MODI, PANKAJ, CA
[86] (2910206)
[87] (2910206)
[22] 2015-10-23

---

[11] **2,913,286**
[13] C
[51] **Int.Cl. A61B 5/00 (2006.01) G06Q 50/22 (2012.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR REAL TIME ANALYSIS OF MEDICAL IMAGING**
[54] **SYSTEME ET PROCEDE D'ANALYSE EN TEMPS REEL D'UNE IMAGERIE MEDICALE**
[72] PERI, NETANEL, IL
[73] MEDYMATCH TECHNOLOGY LTD, IL
[85] 2015-11-23
[86] 2014-05-25 (PCT/IL2014/050467)
[87] (WO2014/203239)
[30] US (61/835,650) 2013-06-17

---

[11] **2,914,651**
[13] C
[51] **Int.Cl. C10M 169/04 (2006.01) B21D 37/18 (2006.01) C10M 103/00 (2006.01) C10M 143/04 (2006.01) C21D 7/13 (2006.01)**
[25] EN
[54] **A COATING OF AN ALUMINIUM OR ALUMINIUM ALLOY METAL SHEET OR STRIP FOR HOT FORMING OR SUPERELASTIC FORMING**
[54] **UN REVETEMENT D'UNE TOLE OU D'UNE BANDE D'ALUMINIUM OU D'ALLIAGE D'ALUMINIUM SERVANT AU FORMAGE A CHAUD OU AU FORMAGE SUPERELASTIQUE**
[72] MILLER-JUPP, SIMON, DE
[72] SCHUBERT, GUNTER, DE
[73] HYDRO ALUMINIUM ROLLED PRODUCTS GMBH, DE
[85] 2015-11-24
[86] 2014-05-26 (PCT/EP2014/060800)
[87] (WO2014/195166)
[30] EP (13171038.6) 2013-06-07

---

[11] **2,920,870**
[13] C
[51] **Int.Cl. A01G 31/00 (2006.01)**
[25] EN
[54] **PLANT CULTIVATION SYSTEM AND A METHOD FOR PLANT CULTIVATION**
[54] **SYSTEME DE CULTURE DE PLANTES ET PROCEDE DE CULTURE DE PLANTES**
[72] YOSHIOKA, HIROSHI, JP
[72] MORI, YUICHI, JP
[72] OKAMOTO, AKIHIRO, JP
[72] MIURA, SHIGEKI, JP
[72] MIZUTANI, TOMOYOSHI, JP
[73] MEBIOL INC., JP
[85] 2016-02-09
[86] 2014-08-11 (PCT/JP2014/071141)
[87] (WO2015/025752)
[30] JP (2013-169317) 2013-08-19

[11] **2,921,486**
[13] C
[51] **Int.Cl. F04D 29/54 (2006.01)**
[25] EN
[54] **COMPOSITE VANE**
[54] **AILETTE COMPOSITE**
[72] OBUCHI, KENRO, JP
[72] YAGI, HIROYUKI, JP
[73] IHI CORPORATION, JP
[85] 2016-02-16
[86] 2014-06-16 (PCT/JP2014/065908)
[87] (WO2015/025598)
[30] JP (2013-169570) 2013-08-19

---

[11] **2,922,654**
[13] C
[51] **Int.Cl. H04M 3/42 (2006.01) H04M 7/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR CONDUCTING INTERNET PROTOCOL TELEPHONY COMMUNICATIONS**
[54] **PROCEDES ET APPAREIL DE REALISATION DE COMMUNICATIONS PAR TELEPHONIE SOUS PROTOCOLE INTERNET**
[72] STERMAN, BARUCH, IL
[72] EFRATI, TZAHI, US
[72] BIANCO, ITAY, IL
[72] MACHLIN, SAGIE, IL
[72] MINTZ, IDO, IL
[73] VONAGE NETWORK LLC, US
[85] 2016-02-26
[86] 2014-08-29 (PCT/US2014/053362)
[87] (WO2015/031729)
[30] US (14/013,278) 2013-08-29

---

[11] **2,923,903**
[13] C
[51] **Int.Cl. B03B 5/62 (2006.01) B01D 21/00 (2006.01) B03B 5/66 (2006.01)**
[25] EN
[54] **LAMELLA PLATES FOR A CLASSIFIER**
[54] **PLAQUES A LAMELLES POUR CLASSIFICATEUR**
[72] CHRISTODOULOU, PERIKLIS, AU
[73] FLSMIDTH A/S, DK
[85] 2016-03-10
[86] 2013-09-18 (PCT/IB2013/058625)
[87] (WO2015/040451)

---

[11] **2,925,195**
[13] C
[51] **Int.Cl. B60B 7/20 (2006.01) B60B 7/06 (2006.01)**
[25] EN
[54] **THE NON-ROTATING CENTER CAP**
[54] **BOUCHON CENTRAL NON VISSE**
[72] CASTRO-VILLANUEVA, JUAN CARLOS, CA
[73] CASTRO-VILLANUEVA, JUAN CARLOS, CA
[86] (2925195)
[87] (2925195)
[22] 2016-03-29

---

[11] **2,927,064**
[13] C
[51] **Int.Cl. G06F 9/44 (2006.01) G06F 3/048 (2013.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **REFLOW OF DATA PRESENTATION USING TRACKING DATA**
[54] **RESTRUCTURATION DE PRESENTATION DE DONNEES A L'AIDE DE DONNEES DE SUIVI**
[72] TOBIN, JOHN PATRICK EDGAR, US
[73] EBAY INC., US
[85] 2016-04-11
[86] 2014-10-09 (PCT/US2014/059887)
[87] (WO2015/054486)
[30] US (14/050,080) 2013-10-09

---

[11] **2,927,192**
[13] C
[51] **Int.Cl. E21B 41/00 (2006.01) E02D 29/00 (2006.01) E04H 15/20 (2006.01)**
[25] EN
[54] **AN INFLATABLE CONTAINMENT STRUCTURE AND METHOD FOR RECOVERING HYDROCARBONS OR TOXIC FLUIDS LEAKING FROM A SUB-SEA-STRUCTURE**
[54] **UNE STRUCTURE DE CONFINEMENT GONFLABLE ET METHODE DE RECUPERATION D'HYDROCARBURES OU DE LIQUIDES TOXIQUES FUYANT D'UNE STRUCTURE SOUS LA MER**
[72] WARNER, HAROLD, CA
[72] KNAPE, AARON, CA
[73] DYNAMIC SHELTERS INC., CA
[86] (2927192)
[87] (2927192)
[22] 2016-04-14

---

[11] **2,927,718**
[13] C
[51] **Int.Cl. H02M 7/04 (2006.01) G08B 21/18 (2006.01) H02M 9/06 (2006.01) H05K 5/02 (2006.01) B01D 57/02 (2006.01) C02F 1/46 (2006.01) C02F 1/463 (2006.01) C25B 9/04 (2006.01) C25C 7/00 (2006.01) C25D 17/00 (2006.01)**
[25] EN
[54] **DC POWER SIGNAL GENERATION FOR ELECTRO-CHEMICAL REACTOR**
[54] **PRODUCTION DE SIGNAUX ELECTRIQUES CC POUR UN REACTEUR ELECTROCHIMIQUE**
[72] SULLIVAN, MARK, US
[72] HERBER, DOUGLAS J., US
[73] BAKERCORP, US
[85] 2016-04-15
[86] 2014-03-13 (PCT/US2014/026474)
[87] (WO2014/151803)
[30] US (61/792,973) 2013-03-15

---

[11] **2,929,051**
[13] C
[51] **Int.Cl. H01M 4/86 (2006.01) B01J 27/22 (2006.01) B01J 35/08 (2006.01) H01M 4/92 (2006.01) H01M 8/10 (2016.01)**
[25] EN
[54] **AN ELECTRODE CATALYST**
[54] **UN CATALYSEUR D'ELECTRODE**
[72] NAGAMORI, KIYOTAKA, JP
[72] MIZUSAKI, TOMOTERU, JP
[72] NAKAMURA, YOKO, JP
[72] IGARASHI, HIROSHI, JP
[72] SEKI, YASUHIRO, JP
[73] N.E. CHEMCAT CORPORATION, JP
[85] 2016-04-28
[86] 2015-08-27 (PCT/JP2015/004320)
[87] (WO2016/031251)
[30] JP (2014-174564) 2014-08-28

---

[11] **2,933,972**
[13] C
[51] **Int.Cl. B01D 53/22 (2006.01) B01D 53/46 (2006.01)**
[25] EN
[54] **PROCESS FOR SEPARATION AND PURIFICATION OF RENEWABLE PROPANE**
[54] **PROCEDE DE SEPARATION ET PURIFICATION DU PROPANE RENOUVELABLE**
[72] SAVOLAINEN, PEKKA, FI
[72] VAN DE VELDE, ROGIER, NL
[72] VAN DEN BERG, MARTIJN, NL
[72] VISURI, JUHA, FI
[73] NESTE OYJ, FI
[86] (2933972)
[87] (2933972)
[22] 2016-06-21
[30] FI (20155672) 2015-09-18

---

[11] **2,934,974**
[13] C
[51] **Int.Cl. B21D 39/00 (2006.01) B21D 37/00 (2006.01)**
[25] EN
[54] **SIDE LAP SEAM ATTACHMENT TOOL**
[54] **OUTIL DE FIXATION DE COUTURE A RECOUVREMENT LATERAL**
[72] MORTON, VIRGIL R., US
[73] NUCOR CORPORATION, US
[86] (2934974)
[87] (2934974)
[22] 2014-06-12
[62] 2,854,341

---

[11] **2,941,028**
[13] C
[51] **Int.Cl. A01N 47/38 (2006.01) A01N 43/80 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **SYNERGISTIC FUNGICIDE COMPOSITION COMPRISING BENZISOTHIAZOLINONE**
[54] **COMPOSITION FONGICIDE SYNERGETIQUE RENFERMANT DU BENZISOTHIAZOLINONE**
[72] ZHONG, HANGEN, CN
[73] JIANGSU HUIFENG AGROCHEMICAL CO., LTD., CN
[86] (2941028)
[87] (2941028)
[22] 2012-08-20
[62] 2,881,512
[30] CN (201210287687.2) 2012-08-13

Canadian Applications Open to Public Inspection

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[21] **2,892,460**
[13] A1
[51] **Int.Cl. A63B 69/00 (2006.01) A63B 23/14 (2006.01) A63B 23/16 (2006.01)**
[25] FR
[54] **STICK HANDLER EXERCISER FOR HOCKEY STICK HANDLING**
[54] **EXERCISEUR POUR MANIEMENT DE BATON DE HOCKEY STICK HANDLER**
[72] LECLERC, JEAN-PHILIPPE J. P. L., CA
[72] LECLERC, MARC M. L., CA
[71] LECLERC, JEAN-PHILIPPE J. P. L., CA
[71] LECLERC, MARC M. L., CA
[22] 2015-05-27
[41] 2016-11-27

---

[21] **2,892,546**
[13] A1
[51] **Int.Cl. A47G 27/02 (2006.01) A63B 6/00 (2006.01) B32B 25/08 (2006.01) B32B 38/14 (2006.01) G09F 19/22 (2006.01)**
[25] EN
[54] **FLASH MAT**
[54] **TAPIS A DEPLOIEMENT RAPIDE**
[72] MCKAY, ALLEN, CA
[71] MCKAY, ALLEN, CA
[71] NESBITT, JOHN, CA
[22] 2015-05-27
[41] 2016-11-27

---

[21] **2,892,645**
[13] A1
[51] **Int.Cl. B23K 37/053 (2006.01) B25B 5/14 (2006.01) B25B 11/00 (2006.01) F16L 1/10 (2006.01) F16L 55/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR PIPE ELBOW**
[54] **APPAREILLAGE DESTINE A UN COUDE DE TUYAU**
[72] ARAVENA, CHRISTIAN A., CA
[72] ROBINS, SHAWN C., CA
[71] ARAVENA, CHRISTIAN A., CA
[71] ROBINS, SHAWN C., CA
[22] 2015-05-27
[41] 2016-11-27

---

[21] **2,892,714**
[13] A1
[51] **Int.Cl. H04N 5/349 (2011.01)**
[25] EN
[54] **MEMORY BANDWIDTH REDUCTION IN COMPENSATION SYSTEM**
[54] **REDUCTION DE LARGEUR DE BANDE DE MEMOIRE DANS UN SYSTEME DE COMPENSATION**
[72] CHAJI, GHOLAMREZA, CA
[71] IGNIS INNOVATION INC, CA
[22] 2015-05-27
[41] 2016-11-27

---

[21] **2,892,720**
[13] A1
[51] **Int.Cl. A45F 3/04 (2006.01) E05B 73/00 (2006.01)**
[25] EN
[54] **SKATEBOARD/ARTWORK LOCK FOR BACKPACK/WALL**
[54] **VERROU DE PLANCHE A ROULETTES/OEUVRE D'ART POUR SAC A DOS/MUR**
[72] BOZINOFF, PAUL A., CA
[71] BOZINOFF, PAUL A., CA
[22] 2015-05-27
[41] 2016-11-27

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[21] **2,892,732**
[13] A1
[51] **Int.Cl. A63C 17/01 (2006.01) A43B 5/00 (2006.01) A43B 5/04 (2006.01) A63C 17/26 (2006.01)**
[25] EN
[54] **MAGNETIC SKATEBOARD GRIP**
[54] **POIGNEE MAGNETIQUE POUR PLANCHE A ROULETTES**
[72] BOZINOFF, PAUL A., CA
[71] BOZINOFF, PAUL A., CA
[22] 2015-05-29
[41] 2016-11-29

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[21] **2,892,781**
[13] A1
[51] **Int.Cl. F25C 5/08 (2006.01)**
[25] EN
[54] **MAT WARMER BREAK DOWN**
[54] **PARTITION DE CHAUFFE-PAILLASSON**
[72] PRYCE, LEOPOLD, CA
[71] PRYCE, LEOPOLD, CA
[22] 2015-05-27
[41] 2016-11-27

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[21] **2,892,869**
[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 30/02 (2012.01) H04L 12/16 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF PROVIDING BUSINESS-TO-BUSINESS INTERACTION**
[54] **SYSTEME ET METHODE DE FOURNITURE D'INTERACTION ENTREPRISE-ENTREPRISE**
[72] NAWAZ, MUHAMMAD TASNEEM UL HASSAN, CA
[72] DEMILLE, MICHAEL SCOTT, CA
[71] NAWAZ, MUHAMMAD TASNEEM UL HASSAN, CA
[22] 2015-05-29
[41] 2016-11-29

[21] **2,892,877**
[13] A1
[51] **Int.Cl. C09K 8/74 (2006.01) C09K 8/528 (2006.01) C23G 1/02 (2006.01)**
[25] EN
[54] **USING NON-REGULATED SYNTHETIC ACID COMPOSITIONS AS ALTERNATIVES TO CONVENTIONAL ACIDS IN THE OIL AND GAS INDUSTRY**
[54] **UTILISATION DE COMPOSITIONS D'ACIDE SYNTHETIQUE NON REGLEMENTEES COMME REMPLACEMENT DES ACIDES CONVENTIONNELS DANS L'INDUSTRIE DU PETROLE ET DU GAZ**
[72] PURDY, CLAY, CA
[72] THATCHER, DARREN, CA
[72] GARNER, JON, CA
[72] ULMER, BRUCE, CA
[71] FLUID ENERGY GROUP LTD., CA
[22] 2015-05-28
[41] 2016-11-28

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[21] **2,892,882**
[13] A1
[51] **Int.Cl. C08F 4/6592 (2006.01) C08F 2/34 (2006.01) C08F 210/16 (2006.01) C08J 5/18 (2006.01)**
[25] EN
[54] **ETHYLENE/1-BUTENE COPOLYMERS WITH ENHANCED RESIN PROCESSABILITY**
[54] **COPOLYMERES ETHYLENE/1-BUTENE A CAPACITE DE TRAITEMENT DE RESINE AMELIOREE**
[72] LAM, PATRICK, CA
[72] KER, VICTORIA, CA
[72] QUAIATTINI, ROBERT, CA
[71] NOVA CHEMICALS CORPORATION, CA
[22] 2015-05-27
[41] 2016-11-27

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[21] **2,892,895**
[13] A1
[51] **Int.Cl. C09K 8/74 (2006.01) C09K 8/528 (2006.01) C23G 1/02 (2006.01)**
[25] EN
[54] **NOVEL ORGANIC ACID COMPOSITIONS FOR USE IN THE OIL AND GAS INDUSTRY**
[54] **COMPOSITIONS D'ACIDE ORGANIQUE NOVATRICES DESTINEES A UNE UTILISATION DANS L'INDUSTRIE DU PETROLE ET DU GAZ**
[72] PURDY, CLAY, CA
[72] THATCHER, DARREN, CA
[72] GARNER, JON, CA
[72] ULMER, BRUCE, CA
[71] FLUID ENERGY GROUP LTD., CA
[22] 2015-05-28
[41] 2016-11-28

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[21] **2,892,951**
[13] A1
[51] **Int.Cl. A45D 27/22 (2006.01)**
[25] EN
[54] **FOOTBALL SHAVING KIT**
[54] **TROUSSE DE RASAGE AU MOTIF DE BALLON DE FOOTBALL**
[72] PLANTE, PIERRE, CA
[71] PLANTE, PIERRE, CA
[22] 2015-05-29
[41] 2016-11-29

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[21] **2,892,955**
[13] A1
[51] **Int.Cl. A61K 38/39 (2006.01) A61K 31/10 (2006.01) A61K 31/375 (2006.01) A61K 31/522 (2006.01) A61K 31/737 (2006.01) A61K 38/16 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01)**
[25] FR
[54] **SUPER LOOK - PROMETHIEUMS**
[54] **PROMETHEUMS - SUPER LOOK**
[72] NITUE, ELENA E., CA
[71] NITU, NICOLAE N., CA
[22] 2015-05-29
[41] 2016-11-29

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[21] **2,893,101**
[13] A1
[51] **Int.Cl. E03C 1/186 (2006.01)**
[25] EN
[54] **SINK HAVING A REMOVABLE DIVIDER**
[54] **EVIER COMPORTANT UN DIVISEUR AMOVIBLE**
[72] WASELENCHUK, JEFF, CA
[72] DNESTRIANSCHII, LUCIEN, CA
[71] WASELENCHUK, JEFF, CA
[22] 2015-05-28
[41] 2016-11-28

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[21] **2,893,109**
[13] A1
[51] **Int.Cl. A63C 17/01 (2006.01) A63C 17/22 (2006.01) F16C 29/04 (2006.01)**
[25] EN
[54] **FRICTION REDUCING APPLICATION TO A SKATE BOARD**
[54] **DISPOSITIF DE REDUCTION DE LA FRICTION DESTINE A UNE PLANCHE A ROULETTES**
[72] BOZINOFF, PAUL A., CA
[71] BOZINOFF, PAUL A., CA
[22] 2015-06-01
[41] 2016-12-01

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[21] **2,893,111**
[13] A1
[51] **Int.Cl. G01B 11/245 (2006.01) B33Y 30/00 (2015.01) B33Y 50/02 (2015.01) B41J 3/00 (2006.01) G06F 3/12 (2006.01) H04N 1/00 (2006.01)**
[25] EN
[54] **3D SCAN AND 3D PRINTING AUTOMATED SYSTEM**
[54] **SYSTEME AUTOMATISE DE NUMERISATION 3D ET D'IMPRESSION 3D**
[72] TAGHIZADEH NOUEI, MEHRDAD, CA
[71] TAGHIZADEH NOUEI, MEHRDAD, CA
[22] 2015-06-01
[41] 2016-12-01

[21] **2,893,112**
[13] A1
[51] **Int.Cl. G06Q 40/08 (2012.01)**
[25] EN
[54] **STOCK VALUE INSURANCE**
[54] **ASSURANCE DE VALEUR DES ACTIONS**
[72] GRANT, CHARLES W., CA
[71] GRANT, CHARLES W., CA
[22] 2015-06-01
[41] 2016-12-01

[21] **2,893,113**
[13] A1
[51] **Int.Cl. A63B 22/16 (2006.01)**
[25] EN
[54] **EXERCISE DEVICE AND BALANCE BOARD**
[54] **DISPOSITIF D'EXERCICE ET PLANCHE D'EQUILIBRE**
[72] WILLIAMS, GORDON A., CA
[71] WILLIAMS, GORDON A., CA
[22] 2015-06-01
[41] 2016-12-01

[21] **2,893,144**
[13] A1
[51] **Int.Cl. F41C 27/00 (2006.01)**
[25] EN
[54] **HANDGUN BARREL BUSHING REMOVAL TOOL**
[54] **OUTIL D'EXTRACTION DE BAGUE DE BARIL D'ARME DE POING**
[72] FARRELL, DANIEL A., CA
[71] FARRELL, DANIEL A., CA
[22] 2015-05-27
[41] 2016-11-27

[21] **2,893,147**
[13] A1
[51] **Int.Cl. A63F 3/06 (2006.01)**
[25] EN
[54] **GAME SYSTEM, GAME TICKET AND METHOD FOR IMPLEMENTING A GAME**
[54] **SYSTEME DE JEU, TICKET DE JEU ET METHODE DE MISE EN OEUVRE D'UN JEU**
[72] MAUPAS-OUDINOT, JEAN-BAPTISTE, FR
[72] HAUTECOEUR, CHARLOTTE, FR
[72] GUYOT, OLIVIER, FR
[72] THEYS, REMI, FR
[72] VAUCHER, STEPHANE, FR
[71] INTERNATIONALE DES JEUX, FR
[22] 2015-05-27
[41] 2016-11-27

[21] **2,893,148**
[13] A1
[51] **Int.Cl. C10C 3/00 (2006.01) C10G 1/04 (2006.01)**
[25] EN
[54] **FUNGIBLE BITUMEN FROM PARAFFINIC CENTRIFUGATION**
[54] **BITUME FONGIBLE AU MOYEN DE CENTRIFUGATION PARAFFINIQUE**
[72] BULBUC, DANIEL JOHN, CA
[72] MCKNIGHT, CRAIG, CA
[72] KIZIOR, THADDEUS EUGENE, CA
[72] CHILDS, DAVID HAROLD, CA
[71] SYNCRUDE CANADA LTD., CA
[22] 2015-05-27
[41] 2016-11-27

[21] **2,893,153**
[13] A1
[51] **Int.Cl. H01M 4/86 (2006.01) H01M 8/18 (2006.01) H01M 12/00 (2006.01)**
[25] EN
[54] **HIGH PERFORMANCE AIR ELECTRODE FOR REVERSIBLE SOLID OXIDE FUEL CELL APPLICATIONS**
[54] **ELECTRODE A AIR A RENDEMENT ELEVE DESTINEE AUX APPLICATIONS DE PILE A COMBUSTIBLE A L'OXYDE SOLIDE REVERSIBLE**
[72] BIRSS, VIOLA I., CA
[72] SANCHEZ, BEATRIZ MOLERO, CA
[72] ADDO, PAUL KWESI, CA
[72] CHEN, MIN, CA
[71] BIRSS, VIOLA I., CA
[71] SANCHEZ, BEATRIZ MOLERO, CA
[71] ADDO, PAUL KWESI, CA
[71] CHEN, MIN, CA
[22] 2015-05-28
[41] 2016-11-28

[21] **2,893,161**
[13] A1
[51] **Int.Cl. G01N 21/25 (2006.01) G01N 21/3563 (2014.01) G01N 21/359 (2014.01) E21C 39/00 (2006.01) E21C 41/24 (2006.01) G01N 33/24 (2006.01) G01N 33/28 (2006.01) G05D 11/13 (2006.01)**
[25] EN
[54] **MINED ORE ANALYSIS AND CONTROL OF RELATED MINING AND EXTRACTION PROCESSES**
[54] **ANALYSE DE MINERAI EXPLOITE ET CONTROLE DES PROCEDES ASSOCIES D'EXPLOITATION ET D'EXTRACTION**
[72] XIE, JINGGANG, CA
[72] KADALI, RAMESH, CA
[72] FENG, ENBO, CA
[72] DOMLAN, ELOM, CA
[71] SUNCOR ENERGY INC., CA
[22] 2015-05-29
[41] 2016-11-29

[21] **2,893,169**
[13] A1
[51] **Int.Cl. B60Q 1/50 (2006.01) E01F 9/646 (2016.01) B60P 3/22 (2006.01) E01F 13/04 (2006.01)**
[25] EN
[54] **DEPLOYABLE TANKER TRUCK BARRIER**
[54] **BARRIERE DE CAMION-CITERNE DEPLOYABLE**
[72] WILSON, TONY C., US
[71] WILSON, TONY C., US
[22] 2015-05-29
[41] 2016-11-29

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[21] **2,893,203**
[13] A1
[51] **Int.Cl. A63B 59/70 (2015.01)**
[25] EN
[54] **STICK ASSEMBLY**
[54] **ENSEMBLE DE BATON**
[72] LEVY, MICHAEL, CA
[71] LEVY, MICHAEL, CA
[22] 2015-06-02
[41] 2016-12-02

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[21] **2,893,245**
[13] A1
[51] **Int.Cl. A61K 31/122 (2006.01) A61P 3/00 (2006.01)**
[25] EN
[54] **THERAPEUTIC COMPOSITIONS INCLUDING BPM 31510, VARIANTS AND ANALOGUES THEREOF, AND USES THEREOF TO TREAT AND PREVENT MITOCHONDRIAL DISEASES AND DISORDERS**
[54] **COMPOSITIONS THERAPEUTIQUES RENFERMANT DU BPM 31510, DES VARIANTES ET ANALOGUES DE CELUI-CI ET LEURS UTILISATIONS EN VUE DE TRAITER ET PREVENIR LES MALADIES ET TROUBLES MITOCHONDRIAUX**
[72] WILSON, D. TRAVIS, US
[71] STEALTH PEPTIDES INTERNATIONAL, INC., MC
[22] 2015-06-02
[41] 2016-12-02

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[21] **2,893,310**
[13] A1
[51] **Int.Cl. G21F 9/30 (2006.01) C22B 3/06 (2006.01) C22B 3/20 (2006.01)**
[25] EN
[54] **PROCESS FOR METALS LEACHING AND RECOVERY FROM RADIOACTIVE WASTES**
[54] **PROCEDE DE LESSIVAGE DE METAUX ET DE RECUPERATION DE DECHETS RADIOACTIFS**
[72] REYNIER, NICOLAS, CA
[72] LASTRA, ROLANDO, CA
[72] BOUZOUBAA, NABIL, CA
[72] CHAPMAN, MARK, CA
[71] HER MAJESTY THE QUEEN, IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES CANADA, CA
[22] 2015-06-01
[41] 2016-12-01

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[21] **2,893,353**
[13] A1
[51] **Int.Cl. B44D 3/12 (2006.01) B05C 21/00 (2006.01)**
[25] EN
[54] **THE NEW DESIGN OF PAINT TRAY LINER**
[54] **LE NOUVEAU MODELE DE REVETEMENT DE BAC A PEINTURE**
[72] TUZI, LUIGI, CA
[71] TUZI, LUIGI, CA
[22] 2015-06-01
[41] 2016-12-01

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[21] **2,893,403**
[13] A1
[51] **Int.Cl. B25B 23/00 (2006.01) B25B 15/00 (2006.01)**
[25] EN
[54] **FASTENER DRIVER BIT**
[54] **MECHE D'ENTRAINEMENT D'APPAREIL DE FIXATION**
[72] TURNBULL, DAVID, CA
[71] ASTROTECH SERVICES INC., CA
[22] 2015-06-01
[41] 2016-12-01

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[21] **2,893,424**
[13] A1
[51] **Int.Cl. A01G 9/02 (2006.01) A47G 7/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR VERTICAL HANGING PLANT CONTAINER**
[54] **METHODE ET APPAREIL DE SUSPENSION VERTICALE D'UNE JARDINIERE**
[72] NELSON, MIGUEL E., US
[72] KUNST, ADLAI, US
[71] WOOLLY POCKET, LLC, US
[22] 2015-06-02
[41] 2016-12-02

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[21] **2,893,499**
[13] A1
[51] **Int.Cl. E04F 13/075 (2006.01) E04B 1/86 (2006.01)**
[25] EN
[54] **PERFORATED ACOUSTIC TILES**
[54] **TUILES ACOUSTIQUES PERFOREES**
[72] GOSLING, GEOFF, CA
[72] SMED, MOGENS F., CA
[71] DIRTT ENVIRONMENTAL SOLUTIONS, LTD., CA
[22] 2015-06-01
[41] 2016-11-27
[30] US (14/722,642) 2015-05-27

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[21] **2,893,515**
[13] A1
[51] **Int.Cl. B23K 9/10 (2006.01) B23K 26/70 (2014.01) B23K 37/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR VOICE CONTROLLED WELD OPERATIONS**
[54] **SYSTEME ET METHODE D'OPERATIONS DE SOUDURE COMMANDEES VOCALEMENT**
[72] DESRANLEAU, CHARLES, CA
[71] DESRANLEAU, CHARLES, CA
[22] 2015-06-08
[41] 2016-11-27
[30] US (14723051) 2015-05-27

[21] **2,893,526**
[13] A1
[51] **Int.Cl. G06Q 40/00 (2012.01)**
[25] EN
[54] **METHOD OF DEFERRING PAYMENT OF INCOME AND CAPITAL GAINS ON ASSETS HELD IN A CANADIAN TRUST**
[54] **METHODE DE REPORT DE PAIEMENT D'UN REVENU ET DE GAINS EN CAPITAL SUR DES ACTINIES DETENUS DANS UNE FIDUCIE CANADIENNE**
[72] DENNEHY, BRIAN, CA
[71] DENNEHY, BRIAN, CA
[22] 2015-06-03
[41] 2016-12-03

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[21] **2,893,535**
[13] A1
[51] **Int.Cl. F16H 3/58 (2006.01) B60K 23/00 (2006.01) B60L 15/00 (2006.01) F16H 57/10 (2006.01)**
[25] EN
[54] **SEAMLESS TWO-SPEED TRANSMISSION FOR ELECTRIC VEHICLE**
[54] **TRANSMISSION DEUX VITESSES CONTINUE DESTINEE A UN VEHICULE ELECTRIQUE**
[72] UNKNOWN, ZZ
[71] BOULET, BENOIT, CA
[71] RAHIMI MOUSAVI, MIR SAMAN, CA
[71] VAHID ALIZADEH, HOSSEIN, CA
[22] 2015-06-03
[41] 2016-12-03

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[21] **2,893,546**
[13] A1
[51] **Int.Cl. A41D 11/00 (2006.01) A41B 11/00 (2006.01) A41B 13/00 (2006.01) A41D 13/06 (2006.01) A43B 17/00 (2006.01)**
[25] EN
[54] **INFANT PADDED SOCKS**
[54] **CHAUSSETTES REMBOURREES POUR BEBE**
[72] UNKNOWN, ZZ
[71] SOUFI, SUSAN Y., CA
[22] 2015-06-03
[41] 2016-12-03

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[21] **2,893,640**
[13] A1
[51] **Int.Cl. A01C 5/00 (2006.01) A01C 7/06 (2006.01)**
[25] EN
[54] **IMPROVED CAM-BASED DEPTH ADJUSTMENT FOR A GROUND OPENER OF AN AGRICULTURAL IMPLEMENT**
[54] **AJUSTEMENT DE PROFONDEUR A CAME AMELIORE DESTINE A UN DISPOSITIF DE CREUSAGE DE SOL D'UN ACCESSOIRE AGRICOLE**
[72] WAWRO, RICHARD D., CA
[72] WAWRO, DERRICK J., CA
[71] WAWRO FARMS LTD., CA
[22] 2015-06-02
[41] 2016-12-02

---

[21] **2,893,682**
[13] A1
[51] **Int.Cl. B62D 63/08 (2006.01) B60D 1/62 (2006.01)**
[25] EN
[54] **TRAILER WIRE HARNESS STORAGE, PROTECTION AND SECURING DEVICE**
[54] **DISPOSITIF DE STOCKAGE, PROTECTION ET FIXATION DE HARNAIS DE CABLES DE REMORQUE**
[72] MCNAUL, ALAN, CA
[72] CUNHA, VICTOR J., CA
[71] MCNAUL, ALAN, CA
[71] CUNHA, VICTOR J., CA
[22] 2015-06-02
[41] 2016-12-02

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[21] **2,893,717**
[13] A1
[51] **Int.Cl. G01S 19/49 (2010.01)**
[25] EN
[54] **METHOD FOR USING PARTIALLY OCCLUDED IMAGES FOR NAVIGATION AND POSITIONING**
[54] **METHODE D'UTILISATION D'IMAGES PARTIELLEMENT CACHEES A DES FINS DE NAVIGATION ET DE POSITIONNEMENT**
[72] MORIN, KRISTIAN, CA
[71] NOVATEL INC., CA
[22] 2015-06-03
[41] 2016-12-03

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[21] **2,893,741**
[13] A1
[51] **Int.Cl. G04B 19/26 (2006.01)**
[25] FR
[54] **MECHANISM FOR DISPLAYING SUN RISE/SUNSET TIMES AT DIFFERENT LATITUDES, KIT WITH COMPONENTS TO ASSEMBLE SUCH A MECHANISM, AND CORRESPONDING ASSEMBLY, OPERATION AND USAGE METHODS**
[54] **MECANISME POUR AFFICHER LES HEURES DE LEVER ET/OU DE COUCHER DU SOLEIL A DIFFERENTES LATITUDES, KIT AVEC COMPOSANTES POUR ASSEMBLER UN TEL MECANISME, ET METHODES D'ASSEMBLAGE, D'OPERATION ET D'UTILISATION CORRESPONDANTES**
[72] MOURET, NICOLAS, CA
[71] MOURET, NICOLAS, CA
[22] 2015-06-03
[41] 2016-12-03

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[21] **2,893,844**
[13] A1
[51] **Int.Cl. B09C 1/08 (2006.01)**
[25] EN
[54] **PROCESS TO REMEDIATE CONTAMINATED SOILS USING CARBON DIOXIDE-ASSISTED HYPOCHLORITE OXIDATION**
[54] **PROCEDE DE RETABLISSEMENT DE SOLS CONTAMINES AU MOYEN D'OXYDATION D'HYPOCHLORITE ASSISTEE AU DIOXYDE DE CARBONE**
[72] PICARD, FRANCOIS, CA
[72] CHAOUKI, JAMAL, CA
[71] SIGNATERRE ENVIRONNEMENT INC., CA
[22] 2015-06-02
[41] 2016-12-02

[21] **2,893,846**
[13] A1
[51] **Int.Cl. A63B 23/02 (2006.01)**
[25] EN
[54] **EXERCISE DEVICE FOR THE UPPER BODY ATTACHABLE TO A BICYCLE**
[54] **APPAREIL D'EXERCICE DU HAUT DU CORPS A FIXER A UNE BICYCLETTE**
[72] LAROSE, GHYSLAIN, CA
[71] MUSICMOTION TECHNOLOGY INC., CA
[22] 2015-06-02
[41] 2016-12-02

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[21] **2,893,860**
[13] A1
[51] **Int.Cl. B63C 7/26 (2006.01) B63C 9/32 (2006.01)**
[25] EN
[54] **RECOVERY DEVICE**
[54] **APPAREIL DE RECUPERATION**
[72] NAUGHTON, CHAD, CA
[71] NAUGHTON, CHAD, CA
[22] 2015-06-02
[41] 2016-12-02

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[21] **2,894,063**
[13] A1
[51] **Int.Cl. B65G 11/00 (2006.01) E21C 41/22 (2006.01)**
[25] EN
[54] **COUNTERWEIGHT ORE CHUTE SYSTEM**
[54] **SYSTEME DE GOULOTTE DE MINERAI A CONTREPOIDS**
[72] ELLIOTT, RONALD PAUL, CA
[72] KESLO, BRYAN JAY, CA
[71] ELLIOTT, RONALD PAUL, CA
[71] KESLO, BRYAN JAY, CA
[22] 2015-06-11
[41] 2016-12-02
[30] US (14/728,382) 2015-06-02

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[21] **2,894,090**
[13] A1
[51] **Int.Cl. E04H 14/00 (2006.01) A01G 9/14 (2006.01) E04H 15/00 (2006.01)**
[25] FR
[54] **ETRE MEDIATION ARCH**
[54] **L'ARCHE DE L'ETREMEDIATION**
[72] INCONNU, ZZ
[71] VALLEE, ANDRE, CA
[22] 2015-06-02
[41] 2016-12-02

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[21] **2,894,978**
[13] A1
[51] **Int.Cl. F16K 17/02 (2006.01) E21B 34/08 (2006.01) F16K 3/24 (2006.01)**
[25] EN
[54] **A SAFETY GLOBE VALVE & METHOD TO PREVENT ACCIDENTAL VALVE OPENINGS**
[54] **UN ROBINET A SOUPAPE DE SECURITE ET METHODE DE PREVENTION D'OUVERTURE ACCIDENTELLE DU ROBINET**
[72] CALDWELL, PADDY S., CA
[71] CALDWELL, PADDY S., CA
[22] 2015-06-25
[41] 2016-11-27
[30] US (14/722,420) 2015-05-27

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[21] **2,895,903**
[13] A1
[51] **Int.Cl. E04F 15/00 (2006.01) E04F 15/02 (2006.01) E04F 15/18 (2006.01)**
[25] EN
[54] **DECK PEDESTAL**
[54] **SUPPORT DE PLATEFORME**
[72] KUGLER, WILLIAM E., US
[72] KNIGHT, STEPHEN J., III, US
[71] UNITED CONSTRUCTION PRODUCTS, INC., US
[22] 2015-06-26
[41] 2016-11-29
[30] US (14/725,488) 2015-05-29

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[21] **2,897,046**
[13] A1
[51] **Int.Cl. A41D 13/08 (2006.01) A41D 19/01 (2006.01) A41D 19/015 (2006.01)**
[25] EN
[54] **FOOD HANDLING GLOVE**
[54] **GANT DESTINE A LA MANIPULATION DES ALIMENTS**
[72] GRIGOR, GEORGE, CA
[71] GRIGOR, GEORGE, CA
[22] 2015-07-10
[41] 2016-12-03
[30] US (14/729,996) 2015-06-03

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[21] **2,897,135**
[13] A1
[51] **Int.Cl. B65D 25/04 (2006.01) B65D 43/00 (2006.01)**
[25] EN
[54] **A CONTAINER HAVING MULTIPLE COMPARTMENTS**
[54] **UN CONTENANT A PLUSIEURS COMPARTIMENTS**
[72] JANER, PAIGE ELIZABETH, US
[72] EIB, BRIAN EUGENE, US
[71] THE FOLGER COFFEE COMPANY, US
[22] 2015-07-15
[41] 2016-11-28
[30] US (14/724,271) 2015-05-28

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[21] **2,903,504**
[13] A1
[51] **Int.Cl. E21B 41/00 (2006.01) E04H 17/00 (2006.01) E21B 7/02 (2006.01)**
[25] EN
[54] **SAFETY NET SYSTEM FOR A PORTABLE DRILLING RIG AND METHOD OF USE**
[54] **SYSTEME DE FILET DE SECURITE POUR PLATEFORME DE FORAGE PORTABLE ET METHODE D'UTILISATION**
[72] ARMSTRONG, IAN D., CA
[71] ARMSTRONG, IAN D., CA
[22] 2015-06-01
[41] 2016-12-01

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[21] **2,903,651**
[13] A1
[51] **Int.Cl. H04W 76/02 (2009.01) G08C 17/02 (2006.01) G08C 23/04 (2006.01)**
[25] EN
[54] **METHOD FOR COUPLING A REMOTE CONTROL AND AN ELECTRONIC DEVICE**
[54] **METHODE DE RACCORDEMENT D'UNE TELECOMMANDE ET D'UN APPAREIL ELECTRONIQUE**
[72] MAIER, FERDINAND, AT
[72] MIRLACHER, THOMAS, AT
[71] FM MARKETING GMBH, AT
[22] 2015-09-10
[41] 2016-12-02
[30] DE (10 2015 108 746.4) 2015-06-02

[21] **2,906,055**
[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **OBJECT REPLICATION USING OBJECT DEVICE LINKS AND FLAGS**
[54] **REPRODUCTION D'OBJET AU MOYEN DE LIENS ET DE MARQUEURS DE DISPOSITIF OBJET**
[72] AGSEN, MOHSEN, US
[72] BREWIS, DEON, US
[72] DE REGT, DAVID, US
[72] AL-GHOSIEN, MOMIN, US
[72] DUPLESSIS, JEAN PIERRE, US
[72] SYMONDS, CRAIG, US
[71] MYLIO, LLC, US
[22] 2015-09-29
[41] 2016-12-02
[30] US (62/169,994) 2015-06-02
[30] US (14/747,955) 2015-06-23

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[21] **2,907,258**
[13] A1
[25] EN
[54] **METHOD AND KIT FOR PRESERVING A FUEL SYSTEM OF AN AIRCRAFT ENGINE**
[54] **METHODE ET TROUSSE DESTINEES A PRESERVER UN SYSTEME DE CARBURANT D'UN MOTEUR D'AERONEF**
[72] GIRARD, ALAIN, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2015-10-06
[41] 2016-11-29
[30] US (62/168,062) 2015-05-29
[30] US (14/800,895) 2015-07-16

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[21] **2,909,047**
[13] A1
[51] **Int.Cl. F16L 58/00 (2006.01)**
[25] EN
[54] **LINING ELEMENT, AND METHOD OF MANUFACTURING A LINING ELEMENT**
[54] **ELEMENT DE DOUBLURE ET METHODE DE FABRICATION D'UN ELEMENT DE DOUBLURE**
[72] BICHLER, ANDREAS, AT
[71] TRELLEBORG PIPE SEALS DUISBURG GMBH, DE
[22] 2015-10-13
[41] 2016-12-02
[30] DE (20 2015 102 868.7) 2015-06-02
[30] US (14/728,244) 2015-06-02

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[21] **2,912,108**
[13] A1
[51] **Int.Cl. E01C 3/04 (2006.01) D03D 1/00 (2006.01) E01C 3/06 (2006.01)**
[25] EN
[54] **WATER-PERMEABLE WOVEN GEOTEXTILE**
[54] **GEOTEXTILE TISSE ETANCHE**
[72] SUTTON, R. ALAN, US
[72] KUREK, REBECCA, US
[72] HENDRIX, GREG, US
[71] LUMITE, INC., US
[22] 2015-11-16
[41] 2016-12-01
[30] US (62/169,043) 2015-06-01

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[21] **2,917,793**
[13] A1
[51] **Int.Cl. H04W 4/16 (2009.01) H04W 12/08 (2009.01) H04W 60/04 (2009.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MULTI-LINE, MULTI-DEVICE SERVICE IN A COMMUNICATIONS NETWORK**
[54] **SYSTEMES ET METHODES DE SERVICE MULTILIGNE MULTIDISPOSITIF DANS UN RESEAU DE COMMUNICATION**
[72] SHARMA, ANISH, US
[72] WALLIS, MICHAEL BRETT, US
[72] PANKAJAKSHAN, BEJOY, US
[71] MITEL NETWORKS CORPORATION, CA
[22] 2016-01-14
[41] 2016-12-01
[30] US (62/230318) 2015-06-01
[30] US (14/992791) 2016-01-11

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[21] **2,917,799**
[13] A1
[51] **Int.Cl. H04W 36/28 (2009.01) H04W 8/02 (2009.01) H04W 80/12 (2009.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SINGLE RADIO VOICE CALL CONTINUITY IN A MULTI-LINE, MULTI-DEVICE SERVICE ENVIRONMENT IN A COMMUNICATIONS NETWORK**
[54] **SYSTEMES ET METHODES PERMETTANT LA CONTINUITE D'APPEL VOCAL RADIO UNIQUE DANS UN ENVIRONNEMENT MULTILIGNE MULTI DISPOSITIF DANS UN RESEAU DE COMMUNICATION**
[72] SHARMA, ANISH, US
[72] WALLIS, MICHAEL BRETT, US
[72] PANKAJAKSHAN, BEJOY, US
[71] MITEL NETWORKS CORPORATION, CA
[22] 2016-01-14
[41] 2016-12-01
[30] US (62/230314) 2015-06-01
[30] US (62/230318) 2015-06-01
[30] US (14/992771) 2016-01-11

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[21] **2,919,589**
[13] A1
[51] **Int.Cl. A47J 43/10 (2006.01) A47J 43/12 (2006.01)**
[25] EN
[54] **WHIPPING CREAM SHAKER**
[54] **AGITATEUR DE CREME A FOUETTER**
[72] HATFILED, JANA, AU
[72] ROBINSON, ADAM RICHARD, AU
[71] COLES SUPERMARKETS AUSTRALIA PTY LTD, AU
[22] 2016-02-01
[41] 2016-11-29
[30] AU (2015100707) 2015-05-29

[21] **2,920,054**
[13] A1
[51] **Int.Cl. C10G 47/36 (2006.01)**
[25] EN
[54] **A METHOD OF PROCESSING HEAVY OILS AND RESIDUA**
[54] **UNE METHODE DE TRAITEMENT DES HUILES LOURDES ET DES RESIDUS**
[72] ZHAO, SUOQI, CN
[72] WEI, QIANG, CN
[72] XU, CHUNMING, CN
[72] XU, ZHIMING, CN
[72] SUN, XUEWEN, CN
[72] CHUNG, KENG H., CA
[71] WELL RESOURCES INC., CA
[22] 2016-02-05
[41] 2016-11-29
[30] CN (201510290167.0) 2015-05-29

---

[21] **2,920,237**
[13] A1
[51] **Int.Cl. A47L 15/14 (2006.01) A47L 15/42 (2006.01)**
[25] EN
[54] **HOME APPLIANCE WITH A WATER INLET SYSTEM AND METHOD OF OPERATING HOME APPLIANCE**
[54] **APPAREIL ELECTROMENAGER A DISPOSITIF D'ENTREE D'EAU ET METHODE D'UTILISATION DE L'APPAREIL ELECTROMENAGER**
[72] HITE, DAVID, US
[72] JUSTIS, MICHAEL, US
[72] KASBAUER, STEFAN, DE
[72] SCHULTZ, JAKOB, DE
[71] BSH HOME APPLIANCES CORPORATION, US
[71] BSH HAUSGERATE GMBH, DE
[22] 2016-02-09
[41] 2016-11-28
[30] US (14/723,485) 2015-05-28

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[21] **2,921,575**
[13] A1
[51] **Int.Cl. G01V 1/00 (2006.01) G08B 3/10 (2006.01) H04R 3/12 (2006.01) H04R 9/00 (2006.01)**
[25] EN
[54] **SPEAKER SYSTEM WITH ACOUSTIC EVENT DETECTION, MODIFICATION KIT FOR SPEAKER SYSTEM AND METHOD OF MODIFYING A SPEAKER SYSTEM**
[54] **SYSTEME DE HAUT-PARLEUR A DETECTION D'EVENEMENT ACOUSTIQUE, TROUSSE DE MODIFICATION D'UN SYSTEME DE HAUT-PARLEUR ET METHODE DE MODIFICATION D'UN SYSTEME DE HAUT-PARLEUR**
[72] KELLER, JOSEPH RUDY, US
[72] CASE, SCOTT, US
[71] EATON CORPORATION, US
[22] 2016-02-23
[41] 2016-11-29
[30] US (14/725,006) 2015-05-29

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[21] **2,922,385**
[13] A1
[51] **Int.Cl. H01F 13/00 (2006.01) H01F 7/02 (2006.01)**
[25] EN
[54] **HANDHELD PORTABLE MAGNETIZER DEVICE, SYSTEM, AND METHOD**
[54] **DISPOSITIF MAGNETISEUR PORTABLE A MAIN, SYSTEME ET METHODE**
[72] KOREN, TRYGVE, US
[71] MAGNUM MAGNETICS CORPORATION, US
[22] 2016-03-03
[41] 2016-12-01
[30] US (14/727,218) 2015-06-01

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[21] **2,922,412**
[13] A1
[51] **Int.Cl. B41F 17/00 (2006.01) B41F 33/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PRINTING AN IMAGE ON A SURFACE**
[54] **SYSTEME ET PROCEDE D'IMPRESSION D'UNE IMAGE SUR UNE SURFACE**
[72] MATHIS, DENNIS R., US
[72] FREEMAN, PHILIP L., US
[71] THE BOEING COMPANY, US
[22] 2016-03-02
[41] 2016-11-29
[30] US (14/726,387) 2015-05-29

---

[21] **2,925,534**
[13] A1
[51] **Int.Cl. B65G 45/10 (2006.01) B65G 45/20 (2006.01)**
[25] EN
[54] **BELTLINE CLEANER**
[54] **NETTOYEUR DE LIGNE DE COURROIE**
[72] JOHNSON, TROY DEAN, CA
[71] MEADOW POWER & EQUIPMENT LTD., CA
[22] 2016-03-30
[41] 2016-12-03
[30] US (62/170574) 2015-06-03

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[21] **2,925,956**
[13] A1
[51] **Int.Cl. F16B 13/02 (2006.01) B64C 1/12 (2006.01) F16B 5/04 (2006.01) F16B 21/08 (2006.01)**
[25] EN
[54] **PLASTIC LINING FASTENERS**
[54] **FIXATIONS DE DOUBLURE EN PLASTIQUE**
[72] LO, JUSTIN, US
[72] REYES, MICHAEL, US
[71] LISI AEROSPACE, FR
[71] THE MONADNOCK COMPANY, US
[22] 2016-04-01
[41] 2016-11-27
[30] US (14/723423) 2015-05-27

[21] **2,927,286**
[13] A1
[51] **Int.Cl. B63B 27/30 (2006.01) B63B 35/44 (2006.01) B65G 67/60 (2006.01) E02B 17/00 (2006.01) F25J 1/00 (2006.01)**
[25] EN
[54] **AN LNG PRODUCTION PLANT AND CORRESPONDING METHOD OF CONSTRUCTION**
[54] **UNE USINE DE PRODUCTION DE GPL ET METHODE CORRESPONDANTE DE CONSTRUCTION**
[72] FAKA, SOLOMON ALADJA, AU
[72] BYFIELD, GEOFFREY BRIAN, AU
[72] WARWICK, BENJAMIN DEAN, AU
[71] WOODSIDE ENERGY TECHNOLOGIES PTY LTD, AU
[22] 2016-04-11
[41] 2016-11-28
[30] AU (2015901975) 2015-05-28

---

[21] **2,927,791**
[13] A1
[51] **Int.Cl. C21D 1/09 (2006.01) B64C 1/00 (2006.01)**
[25] EN
[54] **METHOD FOR REDUCING THE SPEED OF PROPAGATION OF A CRACK IN A METAL SUBSTRATE**
[54] **METHODE DE REDUCTION DE LA VITESSE DE PROPAGATION D'UNE FISSURE DANS UN SUBSTRAT METALLIQUE**
[72] GROTH, ANNE, DE
[72] KASHAEV, NIKOLAI, DE
[72] HUBER, NORBERT, DE
[71] HELMHOLTZ-ZENTRUM GEESTHACHT ZENTRUM FUER MATERIAL-UND KUESTENFORSCHUNG GMBH, DE
[22] 2016-04-25
[41] 2016-12-01
[30] EP (15170102.6) 2015-06-01

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[21] **2,927,860**
[13] A1
[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/16 (2006.01)**
[25] EN
[54] **DUAL SPEED MEDICAL PROCEDURE POWER TOOL**
[54] **OUTIL ELECTRIQUE A DEUX VITESSES DESTINE A UNE INTERVENTION MEDICALE**
[72] AMAN, PETER M., US
[72] ACEVEDO, RICHARD, US
[71] AMAN, PETER M., US
[71] ACEVEDO, RICHARD, US
[22] 2016-04-25
[41] 2016-11-30
[30] US (62/168,834) 2015-05-31
[30] US (15/090,618) 2016-04-04

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[21] **2,927,906**
[13] A1
[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/14 (2006.01) A61B 17/16 (2006.01)**
[25] EN
[54] **LIMITED USE TOOL REMOVABLE ATTACHMENT COMPONENTS**
[54] **COMPOSANTES DE FIXATION AMOVIBLE D'OUTIL A USAGE LIMITE**
[72] AMAN, PETER M., US
[72] ACEVEDO, RICHARD, US
[71] AMAN, PETER M., US
[71] ACEVEDO, RICHARD, US
[22] 2016-04-25
[41] 2016-11-30
[30] US (62/168,834) 2015-05-31
[30] US (15/090,612) 2016-04-04

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[21] **2,928,170**
[13] A1
[51] **Int.Cl. B60R 11/04 (2006.01)**
[25] EN
[54] **VEHICLE SYSTEM FOR PROVIDING INDIRECT VIEW AROUND COMMERCIAL VEHICLE**
[54] **SYSTEME DE VEHICULE SERVANT A FOURNIR UNE VUE INDIRECTE AUTOUR D'UN VEHICULE COMMERCIAL**
[72] ENZ, ANDREAS, US
[72] DEFFNER, SIMON, DE
[72] LANG, WERNER, DE
[71] MEKRA LANG NORTH AMERICA, LLC, US
[22] 2016-04-28
[41] 2016-11-29
[30] US (14/725,648) 2015-05-29

---

[21] **2,928,381**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **SYSTEM FOR INVENTORY MANAGEMENT**
[54] **SYSTEME DE GESTION DE STOCK**
[72] JONES, NICHOLAS ADAM, US
[72] JONES, MATTHEW ALLEN, US
[72] TAYLOR, ROBERT JAMES, US
[72] VASGAARD, AARON JAMES, US
[71] WAL-MART STORES, INC., US
[22] 2016-04-28
[41] 2016-11-28
[30] US (62/167,363) 2015-05-28
[30] US (62/167,370) 2015-05-28

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[21] **2,928,391**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) H04W 4/02 (2009.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEM FOR INVENTORY MANAGEMENT**
[54] **SYSTEME DE GESTION DE STOCK**
[72] TAYLOR, ROBERT JAMES, US
[72] JONES, MATTHEW ALLEN, US
[72] JONES, NICHOLAS ADAM, US
[72] VASGAARD, AARON JAMES, US
[71] WAL-MART STORES, INC., US
[22] 2016-04-28
[41] 2016-11-28
[30] US (62/167,363) 2015-05-28
[30] US (62/167,370) 2015-05-28

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[21] **2,928,591**
[13] A1
[51] **Int.Cl. B61L 25/02 (2006.01) B61L 23/00 (2006.01) B61L 25/06 (2006.01)**
[25] EN
[54] **TRAIN NAVIGATION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE NAVIGATION DE TRAIN**
[72] KERNWEIN, JEFFREY D., US
[72] GAWNE, KENDRICK W., US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[22] 2016-05-02
[41] 2016-12-02
[30] US (14/728,758) 2015-06-02

[21] **2,928,685**
[13] A1
[51] **Int.Cl. C22C 21/10 (2006.01) C22F 1/053 (2006.01)**
[25] EN
[54] **HIGH STRENGTH 7XXX SERIES ALUMINUM ALLOY PRODUCTS AND METHODS OF MAKING SUCH PRODUCTS**
[54] **PRODUITS D'ALLIAGE D'ALUMINIUM DE SERIE 7XXX A HAUTE RESISTANCE ET METHODES DE FABRICATION DE TELS PRODUITS**
[72] LONG, ZHENDONG, US
[72] BUEHLER, JANE ELIZABETH, US
[72] WANG, JUNSHENG, US
[72] LASSINCE, PHILIPPE, US
[72] BALDWIN, FLORENCE ANDREA, US
[72] MATUSKA, ROBERT A., US
[72] GOMIERO, PHILIPPE, US
[72] NASH, ROY AUSTIN, US
[72] SCHEURING, JASON NICHOLAS, US
[71] KAISER ALUMINUM FABRICATED PRODUCTS, LLC, US
[22] 2016-05-03
[41] 2016-12-01
[30] US (14/727,341) 2015-06-01

---

[21] **2,928,903**
[13] A1
[51] **Int.Cl. C11C 5/00 (2006.01) F23D 3/16 (2006.01)**
[25] EN
[54] **CANDLE CONTAINING NON-IONIC EMULSIFER**
[54] **CHANDELLE RENFERMANT UN EMULSIFIANT NON IONIQUE**
[72] CEN, RAYMOND, US
[72] STANLEY, MAUREEN, US
[72] REGINA, MICHAEL J., US
[72] ARNOLD, CATHERINE, US
[71] BEAUTYAVENUES LLC, US
[22] 2016-04-29
[41] 2016-11-29
[30] US (14/725,397) 2015-05-29

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[21] **2,928,907**
[13] A1
[51] **Int.Cl. C11C 5/00 (2006.01) F23D 3/16 (2006.01)**
[25] EN
[54] **CANDLE CONTAINING NON-IONIC EMULSIFER**
[54] **CHANDELLE RENFERMANT UN EMULSIFIANT NON IONIQUE**
[72] CEN, RAYMOND, US
[72] STANLEY, MAUREEN, US
[72] REGINA, MICHAEL J., US
[72] ARNOLD, CATHERINE, US
[71] BEAUTYAVENUES LLC, US
[22] 2016-04-29
[41] 2016-11-29
[30] US (14/725,154) 2015-05-29

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[21] **2,929,192**
[13] A1
[51] **Int.Cl. B01F 5/04 (2006.01) B05C 21/00 (2006.01)**
[25] EN
[54] **DEVICE FOR MIXING AND STORING POLYMETHYLMETHACRYLATE BONE CEMENT**
[54] **DISPOSITIF DESTINE AU MELANGE ET AU STOCKAGE DE CIMENT ORTHOPEDIQUE EN POLYMETHYLMETHACRYLATE**
[72] VOGT, SEBASTIAN, DE
[72] KLUGE, THOMAS, DE
[71] HERAEUS MEDICAL GMBH, DE
[22] 2016-05-05
[41] 2016-12-03
[30] DE (10 2015 108 783.9) 2015-06-03

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[21] **2,929,218**
[13] A1
[51] **Int.Cl. G07F 17/32 (2006.01) G07F 17/34 (2006.01)**
[25] EN
[54] **GAMING MACHINE WITH REARRANGEMENT OF WILD SYMBOLS**
[54] **MACHINE DE JEU A REORGANISATION DE SYMBOLES DE REMPLACEMENT**
[72] IGESUND, TERENCE, ZA
[71] PRIDEFIELD LIMITED, IM
[22] 2016-05-06
[41] 2016-11-29
[30] GB (1509339.6) 2015-05-29

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[21] **2,929,222**
[13] A1
[51] **Int.Cl. G07F 17/34 (2006.01)**
[25] EN
[54] **GAMING MACHINE WITH SYMBOL REPLACEMENT**
[54] **MACHINE DE JEU A REMPLACEMENT DE SYMBOLE**
[72] IGESUND, TERENCE, ZA
[71] PRIDEFIELD LIMITED, IM
[22] 2016-05-06
[41] 2016-11-29
[30] GB (1509340.4) 2015-05-29

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[21] **2,929,244**
[13] A1
[51] **Int.Cl. F02C 7/28 (2006.01) F02C 7/20 (2006.01) C04B 35/80 (2006.01)**
[25] EN
[54] **SPLIT LINE FLOW PATH SEALS**
[54] **JOINTS DE PARCOURS D'ECOULEMENT A VOIE SEPAREE**
[72] SIPPEL, AARON D., US
[72] FREEMAN, TED J., US
[72] THOMAS, DAVID J., US
[72] LAMUSGA, JOSEPH P., US
[72] SHOEMAKER, BRIAN J., US
[71] ROLLS-ROYCE CORPORATION, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[71] ROLLS-ROYCE HIGH TEMPERATURE COMPOSITES, INC., US
[22] 2016-05-06
[41] 2016-11-28
[30] US (14/723,909) 2015-05-28

[21] **2,929,358**
[13] A1
[51] **Int.Cl. B01D 21/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR STATIC SEDIMENTATION TESTS COMPRISING A PLURALITY OF SEDIMENTATION CYLINDERS, WHICH ARE SUBJECT TO THE SAME MIXING CONDITIONS**
[54] **APPAREIL ET METHODE DE TESTS DE SEDIMENTATION STATIQUES COMPORTANT UNE PLURALITE DE CYLINDRES DE SEDIMENTATION, QUI SONT SOUMIS AUX MEMES CONDITIONS DE MELANGE**
[72] ENGELS, JONATHAN, CL
[72] AMELUNXEN, PETER, CL
[71] TAILPRO CONSULTING SPA, CL
[22] 2016-05-09
[41] 2016-12-03
[30] CL (2015-1499) 2015-06-03

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[21] **2,929,409**
[13] A1
[51] **Int.Cl. C08K 5/13 (2006.01) C08J 3/16 (2006.01) C08J 3/20 (2006.01) C08L 31/04 (2006.01) C09D 7/12 (2006.01) C09D 131/04 (2006.01)**
[25] EN
[54] **LOW- VOC, LOW COST COALESCENT FOR CERTAIN AQUEOUS POLYMERIC DISPERSIONS**
[54] **MATIERE COALESCENTE A BAS COUT A FAIBLE TENEUR EN COV DESTINEE A CERTAINES DISPERSIONS POLYMERES AQUEUSES**
[72] MADLE, THOMAS GLENN, US
[72] BALIJEPALLI, SUDHAKAR, US
[72] MAURICE, ALVIN M., US
[72] DONATE, FELIPE A., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
[22] 2016-05-09
[41] 2016-11-27
[30] US (62/166,866) 2015-05-27

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[21] **2,929,411**
[13] A1
[51] **Int.Cl. G03G 9/08 (2006.01) C08L 67/08 (2006.01)**
[25] EN
[54] **LOW FIXING TEMPERATURE SUSTAINABLE TONER**
[54] **ENCRE SECHE DURABLE A BASSE TEMPERATURE DE FIXATION**
[72] ZHOU, KE, CA
[72] SACRIPANTE, GUERINO, CA
[71] XEROX CORPORATION, US
[22] 2016-05-09
[41] 2016-12-01
[30] US (14/727,781) 2015-06-01

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[21] **2,929,808**
[13] A1
[51] **Int.Cl. G08B 29/24 (2006.01) G05B 19/042 (2006.01) G08B 13/22 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **ELECTRONIC WEARABLE ACTIVITY IDENTIFIER AND ENVIRONMENTAL CONTROLLER**
[54] **IDENTIFIANT D'ACTIVITE PORTABLE ELECTRONIQUE ET CONTROLEUR D'ENVIRONNEMENT**
[72] KANNAN, KAMAL, US
[72] RAJ, SAVARI, US
[72] S, DEEPAK, US
[72] SAMBAMOORTHY, BALAJI, US
[72] MOOKAN, ARUMUGAKUMAR, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2016-05-11
[41] 2016-11-29
[30] US (14/725,173) 2015-05-29

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[21] **2,929,841**
[13] A1
[51] **Int.Cl. B25H 3/00 (2006.01) B25B 13/06 (2006.01)**
[25] EN
[54] **COMPOSITE TOOL HOLDER**
[54] **SUPPORT POUR OUTIL EN COMPOSITE**
[72] KAO, JUI-CHIEN, TW
[71] KAO, JUI-CHIEN, TW
[22] 2016-05-13
[41] 2016-12-02
[30] TW (104208746) 2015-06-02

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[21] **2,930,023**
[13] A1
[51] **Int.Cl. E21B 33/138 (2006.01)**
[25] EN
[54] **METHOD OF SEALING WELLS BY INJECTION OF SEALANT**
[54] **METHODE DE SCELLEMENT DE PUITS PAR INJECTION DE SCELLANT**
[72] SABINS, FRED, US
[72] MEADE, CLIFTON, US
[72] BROWN, DAVID, US
[72] WATTERS, JEFFREY, US
[72] LEAL, JORGE ESTEBAN, US
[71] WILD WELL CONTROL, INC., US
[22] 2016-05-13
[41] 2016-11-27
[30] US (62/166,904) 2015-05-27
[30] US (14/847,971) 2015-09-08

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[21] **2,930,098**
[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01) G06F 3/0482 (2013.01) G06F 17/10 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **DATABASE USER INTERFACES WITH FLOWSHEETS OF A SIMULATION SYSTEM**
[54] **INTERFACES UTILISATEUR DE BASE DE DONNEES A ORGANIGRAMMES D'UN SYSTEME DE SIMULATION**
[72] ROMATIER, CHRISTOPHE, US
[72] HUANG, RICHARD, US
[72] KLECKA, RONALD, US
[72] ANDERSON, BRYAN, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2016-05-13
[41] 2016-11-29
[30] US (14/725,854) 2015-05-29

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[21] **2,930,144**
[13] A1
[51] **Int.Cl. E02F 3/96 (2006.01) E02F 3/00 (2006.01)**
[25] EN
[54] **AUTOMATIC POSITION LOCKING MECHANISM FOR LOADER ASSEMBLY PARKING STANDS**
[54] **MECANISME DE VERROUILLAGE DE POSITION AUTOMATIQUE DESTINE A DES SUPPORTS DE STATIONNEMENT D'APPAREIL DE CHARGEMENT**
[72] MARTINEZ, IGNACIO ALONSO, MX
[72] LINAN, JOSE RENE, MX
[72] FAIVRE, DAMIEN, FR
[71] DEERE & COMPANY, US
[22] 2016-05-16
[41] 2016-11-28
[30] US (14/724,766) 2015-05-28

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[21] **2,930,147**
[13] A1
[51] **Int.Cl. A01D 57/20 (2006.01) A01D 47/00 (2006.01) A01D 61/00 (2006.01)**
[25] EN
[54] **TWO-SIDED CLEANING ARRANGEMENTS FOR ENDLESS BELTS**
[54] **DISPOSITIFS DE NETTOYAGE A DEUX COTES DESTINES A DES COURROIES SANS FIN**
[72] HASENOUR, ANTHONY M., US
[71] DEERE & COMPANY, US
[22] 2016-05-16
[41] 2016-11-28
[30] US (14/724,474) 2015-05-28

---

[21] **2,930,151**
[13] A1
[51] **Int.Cl. B62J 35/00 (2006.01)**
[25] EN
[54] **STRADDLE-TYPE VEHICLE**
[54] **VEHICULE DE TYPE A SELLETTE**
[72] HIRANO, KOHEI, JP
[72] INOUE, YUSUKE, JP
[72] HOSOYA, KYOHEI, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2016-05-16
[41] 2016-11-27
[30] JP (2015-106982) 2015-05-27

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[21] **2,930,242**
[13] A1
[51] **Int.Cl. F16L 25/00 (2006.01)**
[25] EN
[54] **LINING FOR MECHANICAL JOINTS**
[54] **DOUBLURE DE JOINTS MECANIQUES**
[72] ABOUELLEIL, ASHRAF, US
[72] SHARP, STEVE, US
[72] SAVALIA, PURUSHOTTAM, US
[71] MUELLER INTERNATIONAL, LLC, US
[22] 2016-05-17
[41] 2016-11-29
[30] US (14/725,837) 2015-05-29

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[21] **2,930,247**
[13] A1
[51] **Int.Cl. A61B 17/04 (2006.01) A61B 17/062 (2006.01) A61B 17/068 (2006.01)**
[25] EN
[54] **SUTURING LOADING UNIT**
[54] **MODULE DE CHARGEMENT DESTINE A LA SUTURE**
[72] TRIGGS, EMILY, GB
[72] MARCZYK, STANISLAW, US
[72] WARD, ALISTAIR, GB
[72] GROVER, SIMON R., GB
[71] COVIDIEN LP, US
[22] 2016-05-17
[41] 2016-11-27
[30] US (62/166,983) 2015-05-27
[30] US (15/150,618) 2016-05-10

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[21] **2,930,364**
[13] A1
[51] **Int.Cl. F03D 1/04 (2006.01) F03D 9/32 (2016.01) F03B 13/22 (2006.01)**
[25] EN
[54] **COMPACT AIR OR WATER TURBINE ACTUATED GENERATOR HAVING AN AIR FUNNELING FEATURE FOR USE ON A LAND OR WATER BASED VEHICLE**
[54] **GENERATEUR ACTIONNE PAR UNE TURBINE A AIR OU A EAU COMPACTE COMPORTANT UNE FONCTIONNALITE DE CANALISATION DESTINE A UN VEHICULE CIRCULANT SUR LA TERRE OU SUR L'EAU**
[72] BEAUCHAMP, DANIEL, CA
[71] BEAUCHAMP, DANIEL, CA
[22] 2016-05-18
[41] 2016-11-27
[30] GB (1509091.3) 2015-05-27

---

[21] **2,930,383**
[13] A1
[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/00 (2006.01)**
[25] EN
[54] **MULTI-FIRE PUSH ROD STAPLING DEVICE**
[54] **DISPOSITIF D'AGRAFAGE A TIGE POUSSOIR MULTICOUP**
[72] MARCZYK, STANISALW, GB
[72] WARD, ALISTAIR, GB
[72] STACEY, GARY, GB
[72] GROVER, SIMON R., GB
[71] COVIDIEN LP, US
[22] 2016-05-18
[41] 2016-11-27
[30] US (62/166,969) 2015-05-27
[30] US (15/150,606) 2016-05-10

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[21] **2,930,392**
[13] A1
[51] **Int.Cl. B64D 47/02 (2006.01)**
[25] FR
[54] **LIGHTING DEVICE FOR AN AIRCRAFT ENABLING ADDITIONAL FUNCTIONS TO BE INTEGRATED IN ITS CENTER**
[54] **DISPOSITIF D'ECLAIRAGE POUR AERONEF PERMETTANT L'INTEGRATION EN SON CENTRE DE FONCTIONS ADDITIONNELLES**
[72] MILLET, PHILLIPE, FR
[72] DOULE, CLAUDE, FR
[71] ZODIAC AERO ELECTRIC, FR
[22] 2016-05-17
[41] 2016-11-28
[30] FR (15 54 797) 2015-05-28

[21] **2,930,460**
[13] A1
[51] **Int.Cl. F03D 1/06 (2006.01) F03D 13/10 (2016.01)**
[25] EN
[54] **A WIND TURBINE BLADE AND A METHOD OF ASSEMBLING A WIND TURBINE BLADE AND A SPAR CAP CONNECTION PIECE**
[54] **UNE PALE DE TURBINE EOLIENNE ET UNE METHODE D'ASSEMBLAGE D'UNE PALE DE TURBINE EOLIENNE ET D'UNE PIECE DE RACCORDEMENT D'UNE SEMELLE DE LONGERON**
[72] HAYDEN, PAUL TREVOR, GB
[72] AVALDI, ANDREA GUISEPPE, GB
[71] BLADE DYNAMICS LIMITED, GB
[22] 2016-05-19
[41] 2016-11-28
[30] GB (1509135.8) 2015-05-28

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[21] **2,930,484**
[13] A1
[51] **Int.Cl. F03D 7/04 (2006.01) F03D 17/00 (2016.01) F03D 1/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REDUCING TORSIONAL MOVEMENT IN A WIND TURBINE TOWER**
[54] **SYSTEME ET METHODE DESTINES A REDUIRE LE MOUVEMENT DE TORSION DANS UNE TOUR DE TURBINE EOLIENNE**
[72] KOERBER, ARNE, US
[72] HOFFMANN, TILL, DE
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-05-19
[41] 2016-12-03
[30] US (14/729,328) 2015-06-03

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[21] **2,930,503**
[13] A1
[51] **Int.Cl. F03D 1/06 (2006.01) B64C 27/473 (2006.01)**
[25] EN
[54] **A WIND TURBINE BLADE AND A METHOD OF MOULDING A WIND TURBINE BLADE TIP SECTION**
[54] **UNE PALE DE TURBINE EOLIENNE ET UNE METHODE DE MOULAGE D'UNE SECTION D'EXTREMITE DE PALE DE TURBINE EOLIENNE**
[72] HAYDEN, PAUL TREVOR, GB
[72] BEHMER, HARALD, GB
[71] BLADE DYNAMICS LIMITED, GB
[22] 2016-05-19
[41] 2016-11-28
[30] GB (1509142.4) 2015-05-28

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[21] **2,930,539**
[13] A1
[51] **Int.Cl. G01S 13/88 (2006.01) E05F 7/00 (2006.01) E06B 9/00 (2006.01) G08B 13/22 (2006.01) G08B 29/08 (2006.01) G01S 13/08 (2006.01)**
[25] EN
[54] **DOOR AND WINDOW CONTACT SYSTEMS AND METHODS THAT INCLUDE TIME OF FLIGHT SENSORS**
[54] **SYSTEME DE CONTACT DE PORTE ET FENETRE ET METHODES QUI COMPRENNENT DES CAPTEURS DE TEMPS DE VOL**
[72] SMITH, RICHARD ALAN, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2016-05-18
[41] 2016-12-03
[30] US (14/729,586) 2015-06-03

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[21] **2,930,557**
[13] A1
[51] **Int.Cl. B60P 1/48 (2006.01) B65G 67/02 (2006.01) B66C 13/44 (2006.01) B66F 9/04 (2006.01)**
[25] EN
[54] **VEHICLE AUTOMATIC HOIST SYSTEM**
[54] **SYSTEME DE TREUIL AUTOMATIQUE POUR VEHICULE**
[72] FRANIAK, NICHOLAS S., US
[72] DOWNING, JOHN J., US
[71] WASTEQUIP, LLC, US
[22] 2016-05-18
[41] 2016-11-29
[30] US (62/168,154) 2015-05-29

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[21] **2,930,622**
[13] A1
[51] **Int.Cl. H04W 88/04 (2009.01) H04W 48/16 (2009.01) H04W 48/20 (2009.01) H04W 76/04 (2009.01)**
[25] EN
[54] **ACTIVATING A MOBILE HOTSPOT OPERATION**
[54] **ACTIVATION D'UNE OPERATION DE POINT CHAUD MOBILE**
[72] SMADI, MOHAMMED NAWAF, CA
[72] MOHAMED, MOHAMED DARWISH A., EG
[71] BLACKBERRY LIMITED, CA
[22] 2016-05-20
[41] 2016-11-27
[30] US (14/722,882) 2015-05-27

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[21] **2,930,644**
[13] A1
[51] **Int.Cl. G01M 99/00 (2011.01) B23F 23/12 (2006.01)**
[25] EN
[54] **A METHOD FOR OPERATING A PLURALITY OF MEASURING MACHINES AND AN ENTIRE APPARATUS COMPRISING AT LEAST TWO MEASURING MACHINES**
[54] **UNE METHODE D'EXPLOITATION D'UNE PLURALITE DE MACHINES DE MESURE ET UN APPAREIL ENTIER COMPORTANT AU MOINS DEUX MACHINES DE MESURE**
[72] WYMAN, HASTINGS, US
[71] KLINGELNBERG AG, CH
[22] 2016-05-18
[41] 2016-12-03
[30] DE (10 2015 108 851.7) 2015-06-03

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[21] **2,930,755**
[13] A1
[51] **Int.Cl. F01D 5/14 (2006.01) F01D 9/02 (2006.01) F04D 29/38 (2006.01)**
[25] EN
[54] **COMPRESSOR AIRFOIL WITH COMPOUND LEADING EDGE**
[54] **PROFIL AERODYNAMIQUE DE COMPRESSEUR A BORD D'ATTAQUE COMPOSE**
[72] HEIKURINEN, KARL, CA
[72] DUTTON, RONALD, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2016-05-19
[41] 2016-11-29
[30] US (14/725,879) 2015-05-29

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[21] **2,930,778**
[13] A1
[51] **Int.Cl. C09K 8/72 (2006.01) C09K 3/00 (2006.01) C09K 8/52 (2006.01) C23G 1/02 (2006.01)**
[25] EN
[54] **NOVEL ORGANIC ACID COMPOSITIONS FOR USE IN THE OIL AND GAS INDUSTRY**
[54] **COMPOSITIONS D'ACIDE ORGANIQUE NOVATRICES DESTINEES A UNE UTILISATION DANS L'INDUSTRIE DU PETROLE ET DU GAZ**
[72] PURDY, CLAY, CA
[72] THATCHER, DARREN, CA
[72] GARNER, JON, CA
[72] ULMER, BRUCE, CA
[72] JAMIESON, ALEXANDER DAVID, CA
[71] FLUID ENERGY GROUP LTD., CA
[22] 2016-05-24
[41] 2016-11-28
[30] CA (2,892,895) 2015-05-28

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[21] **2,930,780**
[13] A1
[51] **Int.Cl. C09K 8/72 (2006.01) C09K 3/00 (2006.01) C09K 8/52 (2006.01) C23G 1/02 (2006.01)**
[25] EN
[54] **USING NON-REGULATED SYNTHETIC ACID COMPOSITIONS AS ALTERNATIVES TO CONVENTIONAL ACIDS IN THE OIL AND GAS INDUSTRY**
[54] **UTILISATION DE COMPOSITIONS D'ACIDE SYNTHETIQUE NON REGLEMENTEES COMME REMPLACEMENT DES ACIDES CONVENTIONNELS DANS L'INDUSTRIE DU PETROLE ET DU GAZ**
[72] PURDY, CLAY, CA
[72] THATCHER, DARREN, CA
[72] GARNER, JON, CA
[72] ULMER, BRUCE, CA
[72] JAMIESON, ALEXANDER DAVID, CA
[71] FLUID ENERGY GROUP LTD., CA
[22] 2016-05-24
[41] 2016-11-28
[30] CA (2,892,877) 2015-05-28

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[21] **2,930,800**
[13] A1
[51] **Int.Cl. F16K 3/02 (2006.01)**
[25] EN
[54] **KNIFE GATE VALVE AND SEAL**
[54] **ROBINET-VANNE A GUILLOTINE ET JOINT**
[72] PATEL, JAYASHREE, CA
[71] DEZURIK, INC., US
[22] 2016-05-24
[41] 2016-11-27
[30] US (62/167095) 2015-05-27

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[21] **2,930,814**
[13] A1
[51] **Int.Cl. G06F 12/00 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **LIBRARY FOR SEAMLESS MANAGEMENT OF STORAGE DEVICES**
[54] **BIBLIOTHEQUE DE GESTION TRANSPARENTE DE DISPOSITIFS DE STOCKAGE**
[72] VAISHNAV, YATINDRA, US
[71] HGST NETHERLANDS B.V., NL
[22] 2016-05-24
[41] 2016-11-28
[30] US (62/167,733) 2015-05-28
[30] US (14/983,308) 2015-12-29

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[21] **2,930,902**
[13] A1
[51] **Int.Cl. C01B 3/34 (2006.01) C01B 3/38 (2006.01) C01B 3/56 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF HYDROGEN**
[54] **PROCEDE DE PRODUCTION D'HYDROGENE**
[72] SICINSKI, MICHAEL ANDREW, US
[72] WOOD, CHRISTOPHER H., US
[72] HOKE, BRYAN CLAIR, JR., US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2016-05-25
[41] 2016-11-27
[30] US (14/722,331) 2015-05-27

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[21] **2,930,915**
[13] A1
[51] **Int.Cl. B64C 1/08 (2006.01) B64C 1/00 (2006.01)**
[25] FR
[54] **ONE-PIECE STIFFENER FOR AIRCRAFT STRUCTURE**
[54] **RAIDISSEUR MONOBLOC POUR STRUCTURE AERONAUTIQUE**
[72] KAWSKI, NICOLAS, FR
[72] VINCENT, OLIVIER, FR
[71] STELIA AEROSPACE, FR
[22] 2016-05-25
[41] 2016-11-29
[30] FR (1554842) 2015-05-29

[21] **2,930,939**
[13] A1
[51] **Int.Cl. B60N 2/28 (2006.01) A47D 1/00 (2006.01) A47D 13/08 (2006.01)**
[25] EN
[54] **CHILD SAFETY SEAT AND SUPPORT BASE THEREOF**
[54] **SIEGE DE SECURITE POUR ENFANT ET BASE DE SOUTIEN ASSOCIEE**
[72] MASON, KYLE S., US
[72] HANSEL, COLIN P., US
[72] RUGGIERO, ANTHONY V., US
[71] WONDERLAND NURSERYGOODS COMPANY LIMITED, HK
[22] 2016-05-24
[41] 2016-11-27
[30] US (62/166,782) 2015-05-27

[21] **2,930,941**
[13] A1
[51] **Int.Cl. B60N 2/28 (2006.01) A47D 1/00 (2006.01) A47D 13/08 (2006.01)**
[25] EN
[54] **CHILD SAFETY SEAT**
[54] **SIEGE DE SECURITE POUR ENFANT**
[72] MASON, KYLE S., US
[72] HANSEL, COLIN P., US
[72] TAYLOR, ANDREW J., US
[72] HARTENSTINE, CURTIS M., US
[71] WONDERLAND NURSERYGOODS COMPANY LIMITED, HK
[22] 2016-05-24
[41] 2016-11-27
[30] US (62/166,782) 2015-05-27
[30] US (62/214,013) 2015-09-03
[30] US (62/253,658) 2015-11-10

[21] **2,930,943**
[13] A1
[51] **Int.Cl. B60N 2/08 (2006.01) B60N 2/07 (2006.01)**
[25] EN
[54] **ADAPTABLE VEHICLE SEAT FITTING**
[54] **ACCESSOIRE DE SIEGE DE VEHICULE ADAPTABLE**
[72] SAWDY, MICHAEL BARRY, GB
[71] NMI SAFETY SYSTEMS LIMITED, GB
[22] 2016-05-25
[41] 2016-12-01
[30] GB (1509451.9) 2015-06-01
[30] GB (1509477.4) 2015-06-02

[21] **2,930,951**
[13] A1
[51] **Int.Cl. E03C 1/04 (2006.01)**
[25] EN
[54] **SINK AND FAUCET ASSEMBLY**
[54] **ENSEMBLE D'EVIER ET DE ROBINET**
[72] ROWLAND, JAMES, US
[72] GOMPPER, BRION, US
[72] HOPPE, JON DALE, US
[71] COMPONENT HARDWARE GROUP, INC., US
[22] 2016-05-25
[41] 2016-11-29
[30] US (62/167,956) 2015-05-29
[30] US (15/161,814) 2016-05-23

[21] **2,930,952**
[13] A1
[51] **Int.Cl. D21F 1/56 (2006.01)**
[25] EN
[54] **A DECKLE BOARD SYSTEM WITH A BOUNDARY LAYER SHOWER AND METHOD**
[54] **UN SYSTEME DE REGLETTE DE BORDURE DOTE D'UNE DOUCHE DE COUCHE LIMITE ET METHODE**
[72] FAUFAU, JAMES, US
[71] IBS OF AMERICA, US
[22] 2016-05-19
[41] 2016-11-29
[30] US (15/155,252) 2016-05-16
[30] US (62/168.326) 2015-05-29

[21] **2,930,956**
[13] A1
[51] **Int.Cl. E06B 3/67 (2006.01) E06B 3/677 (2006.01)**
[25] EN
[54] **INSULATING GLASS UNIT AND A METHOD AND APPARATUS FOR FILLING AND SEALING SAME**
[54] **MODULE DE VERRE ISOLANT ET UNE METHODE ET UN APPAREIL DE REMPLISSAGE ET ETANCHEISATION DUDIT MODULE**
[72] MCHUGH, MICHAEL PATRICK, US
[72] PETERS, MICHAEL ERIC, US
[71] INTEGRATED AUTOMATION SYSTEMS, LLC, US
[22] 2016-05-25
[41] 2016-11-29
[30] US (62/168,090) 2015-05-29
[30] US (15/162,934) 2016-05-24

[21] **2,930,998**
[13] A1
[51] **Int.Cl. A62B 35/00 (2006.01) A62B 1/00 (2006.01)**
[25] EN
[54] **FALL PROTECTION DEVICE FOR A RESCUE CAGE OF AN AERIAL LADDER, IN PARTICULAR FOR FIREFIGHTING VEHICLES**
[54] **DISPOSITIF DE PROTECTION ANTI-CHUTE DESTINE A UNE CAGE DE SAUVETAGE D'UNE ECHELLE AERIENNE, EN PARTICULIER UNE ECHELLE DE VEHICULES DE LUTTE CONTRE L'INCENDIE**
[72] HUEHN, ALEXANDER, DE
[71] IVECO MAGIRUS AG, DE
[22] 2016-05-25
[41] 2016-11-27
[30] EP (15169503.8) 2015-05-27

[21] **2,931,063**
[13] A1
[51] **Int.Cl. D21B 1/00 (2006.01)**
[25] EN
[54] **DEVICE FOR COMPACTING PULP FLOCKS**
[54] **APPAREIL SERVANT A COMPACTER DES COPEAUX DE PATE**
[72] RIEMER, HUBERT, AT
[71] ANDRITZ AG, AT
[22] 2016-05-26
[41] 2016-11-29
[30] AT (A50438/2015) 2015-05-29

[21] **2,931,125**
[13] A1
[51] **Int.Cl. E06B 3/72 (2006.01) E06B 3/48 (2006.01) E06B 3/50 (2006.01) E06B 3/70 (2006.01)**
[25] EN
[54] **SEAMLESS MULTI-PANEL DOOR**
[54] **PORTE MULTIPANNEAU SANS JOINT**
[72] HABA, CHARLES A., US
[72] KORNISH, DWAYNE J., US
[71] OVERHEAD DOOR CORPORATION, US
[22] 2016-05-26
[41] 2016-11-29
[30] US (14/725,652) 2015-05-29

[21] **2,931,127**
[13] A1
[51] **Int.Cl. F03D 1/06 (2006.01)**
[25] EN
[54] **A METHOD AND TOOL FOR FORMING A SCARF JOINT**
[54] **UNE METHODE ET UN OUTIL SERVANT A FORMER UN JOINT D'ENTURE**
[72] HAYDEN, PAUL TREVOR, GB
[72] BROOME, PETER ANTHONY, GB
[71] BLADE DYNAMICS LIMITED, GB
[22] 2016-05-26
[41] 2016-11-28
[30] GB (1509148.1) 2015-05-28

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[21] **2,931,203**
[13] A1
[51] **Int.Cl. E04B 1/94 (2006.01)**
[25] EN
[54] **FIRE RESISTANT FRAMING ACCESSORY**
[54] **ACCESSOIRE DE STRUCTURE RESISTANT AU FEU**
[72] SMITH, JEREMY RYAN, US
[72] STAHL, GREGG A., US
[72] SHOEMAKER, ADAM J., US
[71] CLARKWESTERN DIETRICH BUILDING SYSTEMS LLC, US
[22] 2016-05-27
[41] 2016-11-27
[30] US (62/166826) 2015-05-27

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[21] **2,931,208**
[13] A1
[51] **Int.Cl. F16L 55/18 (2006.01) F16L 55/162 (2006.01) F16L 55/26 (2006.01)**
[25] EN
[54] **CABLE PULLING SYSTEM AND COMPONENTS THEREFOR**
[54] **APPAREIL SERVANT A TIRER UN CABLE ET COMPOSANTES DUDIT APPAREIL**
[72] HERRICK, ROD, US
[72] SHAPPELL, JARED W., US
[71] RODDIE, INC., US
[22] 2016-05-25
[41] 2016-11-30
[30] US (14/726,546) 2015-05-31

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[21] **2,931,210**
[13] A1
[51] **Int.Cl. B32B 5/12 (2006.01) B32B 5/26 (2006.01) B32B 5/28 (2006.01) C08J 5/12 (2006.01)**
[25] EN
[54] **A COMPOSITE MEMBER**
[54] **UN ELEMENT COMPOSITE**
[72] HAYDEN, PAUL TREVOR, GB
[72] BEHMER, HARALD, GB
[71] BLADE DYNAMICS LIMITED, GB
[22] 2016-05-26
[41] 2016-11-28
[30] GB (1509153.1) 2015-05-28

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[21] **2,931,211**
[13] A1
[51] **Int.Cl. G01V 3/165 (2006.01) G01V 3/38 (2006.01)**
[25] EN
[54] **MAGNETOMETER SIGNAL SAMPLING WITHIN TIME-DOMAIN EM TRANSMITTERS AND METHOD**
[54] **ECHANTILLONNAGE DE SIGNAL DE MAGNETOMETRE DANS LES EMETTEURS-RECEPTEURS EM DU DOMAINE TEMPOREL ET METHODE**
[72] MILES, PHILIP, FR
[72] BERRINGER, JASON, FR
[71] CGG SERVICES SA, FR
[22] 2016-05-26
[41] 2016-11-28
[30] US (62/167,351) 2015-05-28

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[21] **2,931,217**
[13] A1
[51] **Int.Cl. B23H 1/04 (2006.01) B23H 1/02 (2006.01)**
[25] EN
[54] **ELECTRODE FOR ELECTROEROSION MACHINING SYSTEM**
[54] **ELECTRODE DESTINEE A UN SYSTEME D'USINAGE PAR ELECTROEROSION**
[72] LUO, YUANFENG, US
[72] HAYASHI, STEVEN ROBERT, US
[72] TRIMMER, ANDREW LEE, US
[72] LOMBARDO, DALE ROBERT, US
[72] VOGEL, JOHN ANTHONY, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-05-26
[41] 2016-11-28
[30] US (14/723,712) 2015-05-28

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[21] **2,931,237**
[13] A1
[51] **Int.Cl. G09G 5/02 (2006.01) B44C 1/00 (2006.01)**
[25] EN
[54] **COLOR DISPLAYS BASED ON COLOR EMOTIONS AND COLOR HARMONY**
[54] **AFFICHAGES COULEURS FONDES SUR LES EMOTIONS DES COULEURS ET L'HARMONIE DES COULEURS**
[72] MINCHEW, CARL, US
[72] GHAZNAVI, PRISCILLA, US
[72] MAGNO, ANDREA, US
[72] O'NEILL, ELLEN, US
[72] YEO, HANNAH, US
[71] BENJAMIN MOORE & CO., US
[22] 2016-05-27
[41] 2016-12-02
[30] US (14/728,230) 2015-06-02

---

[21] **2,931,260**
[13] A1
[51] **Int.Cl. E01B 27/18 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CONCRETING RAILWAY SLAB TRACK**
[54] **METHODE ET SYSTEME DESTINES AU BETONNAGE D'UNE DALLE DE SUPPORT DE RAIL**
[72] FERNANDEZ, JOSE MARIA AGUIRRE, ES
[71] TECSA EMPRESA CONSTRUCTORA, S.A., ES
[22] 2016-05-27
[41] 2016-11-29
[30] ES (201530752) 2015-05-29

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[21] **2,931,417**
[13] A1
[51] **Int.Cl. F16H 57/02 (2012.01) F04B 47/02 (2006.01) F04B 53/00 (2006.01)**
[25] EN
[54] **PUMPJACK WITH TORQUE-BALANCED GEARBOX**
[54] **CHEVALET DE POMPAGE A BOITE D'ENGRENAGE A COUPLE EQUILIBRE**
[72] SUI, XIHUA, CA
[72] WANG, JIAJI, CA
[72] WANG, ZHENGMING, CA
[71] SUI, XIHUA, CA
[71] WANG, JIAJI, CA
[71] WANG, ZHENGMING, CA
[22] 2016-05-27
[41] 2016-11-28
[30] US (62/167,545) 2015-05-28

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[21] **2,931,424**
[13] A1
[51] **Int.Cl. C10G 1/04 (2006.01)**
[25] EN
[54] **FUNGIBLE BITUMEN FROM PARAFFINIC CENTRIFUGATION**
[54] **BITUME FONGIBLE AU MOYEN DE CENTRIFUGATION PARAFFINIQUE**
[72] BULBUC, DANIEL JOHN, CA
[72] MCKNIGHT, CRAIG, CA
[72] KIZIOR, THADDEUS EUGENE, CA
[72] CHILDS, DAVID HAROLD, CA
[71] SYNCRUDE CANADA LTD., CA
[22] 2016-05-26
[41] 2016-11-27
[30] CA (2,893,148) 2015-05-27

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[21] **2,931,425**
[13] A1
[51] **Int.Cl. B65D 30/10 (2006.01) B65D 33/00 (2006.01)**
[25] EN
[54] **PACKAGE OPENING SUPPORT**
[54] **SUPPORT D'OUVERTURE D'EMBALLAGE**
[72] HARTLEY, SCOTT HUNTINGTON, US
[71] SONOCO DEVELOPMENT, INC., US
[22] 2016-05-27
[41] 2016-11-27
[30] US (14/722428) 2015-05-27

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[21] **2,931,427**
[13] A1
[51] **Int.Cl. F16D 13/24 (2006.01) F16D 13/60 (2006.01)**
[25] EN
[54] **CLUTCH WITH REDUNDANT ENGAGEMENT SYSTEMS**
[54] **EMBRAYAGE A MECANISMES D'ENGAGEMENT REDONDANTS**
[72] BECKNER, KEVIN C., US
[72] RICE, EDWARD C., US
[72] FLYNN, JOHN M., US
[72] COPELAND, ANDREW D., US
[72] BOUTON, MATTHEW T., US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[22] 2016-05-27
[41] 2016-11-29
[30] US (62/168,160) 2015-05-29

---

[21] **2,931,434**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **PROMOTION SELECTION FOR ONLINE CUSTOMERS USING BAYESIAN BANDITS**
[54] **SELECTION DE PROMOTIONS DESTINEES A DES CONSOMMATEURS EN LIGNE AU MOYEN DE BANDITS BAYESIENS**
[72] MEHANIAN, COUROSH, US
[72] WEE, TIMOTHY, US
[72] KUMARA, KARTHIK, US
[71] STAPLES, INC., US
[22] 2016-05-26
[41] 2016-11-27
[30] US (14/723360) 2015-05-27

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[21] **2,931,435**
[13] A1
[51] **Int.Cl. G01V 1/30 (2006.01) E21B 47/00 (2012.01) E21B 49/02 (2006.01)**
[25] EN
[54] **METHOD FOR DEVELOPING A GEOMECHANICAL MODEL BASED ON SEISMIC DATA, WELL LOGS AND SEM ANALYSIS OF HORIZONTAL AND VERTICAL DRILL CUTTINGS**
[54] **METHODE D'ELABORATION D'UN MODELE GEOMECANIQUE FONDE SUR DES DONNEES SISMIQUES, DES DIAGRAPHIES DE PUITS ET DES ANALYSES SEM DE COUPES DE FORAGE HORIZONTALES ET VERTICALES**
[72] WALTERS, DALE, FR
[72] SEN, VIKRAM, FR
[72] MAYER, ROBERT, FR
[72] SPENCE, GRAHAM, FR
[72] SETTARI, ANTONIN, FR
[71] CGG SERVICES SA, FR
[22] 2016-05-27
[41] 2016-11-29
[30] US (62/168,003) 2015-05-29

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[21] **2,931,437**
[13] A1
[51] **Int.Cl. B62K 21/02 (2006.01)**
[25] EN
[54] **WHEEL FORK**
[54] **FOURCHE DE ROUE**
[72] WEBER, HERBERT, DE
[72] GEHLEN, ANDREAS, DE
[71] CROOZER GMBH, DE
[22] 2016-05-27
[41] 2016-11-28
[30] DE (10 2015 108 441.4) 2015-05-28

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[21] **2,931,438**
[13] A1
[51] **Int.Cl. B62K 21/02 (2006.01)**
[25] EN
[54] **WHEEL FORK**
[54] **FOURCHE DE ROUE**
[72] WEBER, HERBERT, DE
[72] GEHLEN, ANDREAS, DE
[71] CROOZER GMBH, DE
[22] 2016-05-27
[41] 2016-11-28
[30] DE (10 2015 108 474.0) 2015-05-28

[21] **2,931,440**
[13] A1
[51] **Int.Cl. H04W 12/08 (2009.01) H04W 4/02 (2009.01) H04W 84/18 (2009.01)**
[25] EN
[54] **SYSTEM-BASED CONTROL OF PROGRAMMABLE DEVICES**
[54] **CONTROLE DE DISPOSITIFS PROGRAMMABLES FONDE SUR UN SYSTEME**
[72] SALTER, GEOFFREY DAVID VINCENT, CA
[71] AZTECH ASSOCIATES INC., CA
[22] 2016-05-27
[41] 2016-11-27
[30] US (62/166,897) 2015-05-27

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[21] **2,931,447**
[13] A1
[51] **Int.Cl. E04B 1/41 (2006.01) B66C 1/66 (2006.01)**
[25] EN
[54] **LIFTING ANCHOR WITH ENHANCED LOADBEARING FEATURES**
[54] **ANCRE DE LEVAGE DOTE DE FONCTIONNALITES DE PORTEUR AMELIOREES**
[72] RECKER, MICHAEL J., US
[72] NAUMANN, RONALD G., US
[72] SESHAPPA, VANKATESH, US
[71] MEADOW BURKE, LLC, US
[22] 2016-05-27
[41] 2016-11-29
[30] US (62/168,299) 2015-05-29

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[21] **2,931,455**
[13] A1
[51] **Int.Cl. G06Q 10/10 (2012.01) G06F 17/30 (2006.01) H04L 12/58 (2006.01)**
[25] EN
[54] **SYSTEM FOR ANALYZING EMAIL FOR COMPLIANCE WITH RULES**
[54] **SYSTEME DESTINE A L'ANALYSE DE COURRIEL EN VUE DE VERIFIER LA CONFORMITE AUX REGLES**
[72] GRAHAM, TIMOTHY SCOTT, CA
[72] STAINTON, CHRISTOPHER R., CA
[71] OTC SYSTEMS LTD., CA
[22] 2016-05-26
[41] 2016-11-27
[30] US (62/167,004) 2015-05-27

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[21] **2,931,464**
[13] A1
[51] **Int.Cl. B62B 3/02 (2006.01) B62B 5/04 (2006.01) B65H 49/20 (2006.01) B65H 49/38 (2006.01)**
[25] EN
[54] **CABLE DISPENSING SYSTEM AND APPARATUS**
[54] **MECANISME DE DISTRIBUTION DE CABLE ET APPAREIL**
[72] RUNZEL, WILLIAM, US
[72] RUNZEL, COOPER, US
[72] TOHME, EMILE, US
[72] KERNAGIS, TONY, US
[71] LAKE CABLE, LLC, US
[22] 2016-05-30
[41] 2016-11-29
[30] US (62/168676) 2015-05-29
[30] US (62/195438) 2015-07-22
[30] US (15/160920) 2016-05-20

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[21] **2,931,465**
[13] A1
[51] **Int.Cl. B21B 37/16 (2006.01) B21B 37/58 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO DETERMINE A PLUNGE DEPTH POSITION OF MATERIAL CONDITIONING MACHINES**
[54] **METHODES ET APPAREIL SERVANT A DETERMINER UNE POSITION DE PROFONDEUR DE PLONGEE DE MACHINES DE CONDITIONNEMENT DE MATERIAU**
[72] COX, CLARENCE B., US
[72] DOWNING, ROGER, US
[71] THE BRADBURY COMPANY, INC., US
[22] 2016-05-30
[41] 2016-12-03
[30] US (14/729,821) 2015-06-03

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[21] **2,931,483**
[13] A1
[51] **Int.Cl. F24F 7/02 (2006.01)**
[25] EN
[54] **VENTILATION SYSTEM**
[54] **SYSTEME DE VENTILATION**
[72] DENTON, JEFFREY SCOTT, US
[72] HASCHER, LORI CURTISS, US
[72] WINGFIELD, ALLAN, US
[71] BONAR INC., US
[22] 2016-05-27
[41] 2016-11-29
[30] US (62/168,311) 2015-05-29

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[21] **2,931,490**
[13] A1
[51] **Int.Cl. B64C 25/58 (2006.01) B64C 25/62 (2006.01)**
[25] EN
[54] **AIRCRAFT LANDING GEAR ASSEMBLY**
[54] **DISPOSITIF DE TRAIN D'ATTERRISSAGE D'UN AERONEF**
[72] SCHMIDT, ROBERT KYLE, GB
[71] MESSIER-DOWTY LIMITED, GB
[22] 2016-05-25
[41] 2016-12-02
[30] EP (15170283.4) 2015-06-02

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[21] **2,931,502**
[13] A1
[51] **Int.Cl. B64C 25/62 (2006.01)**
[25] EN
[54] **AIRCRAFT SPRING ASSEMBLY**
[54] **DISPOSITIF DE RESSORT D'AERONEF**
[72] VATOVEC, ANDRAZ, GB
[72] PADDOCK, ANDREW, GB
[72] GREENWOOD, PAUL, GB
[71] MESSIER-DOWTY LIMITED, GB
[22] 2016-05-25
[41] 2016-12-01
[30] EP (15170170.3) 2015-06-01

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[21] **2,931,505**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 10/08 (2012.01)**
[25] EN
[54] **CUSTOMER-TRIGGERED STORE MANAGEMENT**
[54] **GESTION DE MAGASIN DECLENCHEE PAR LE CONSOMMATEUR**
[72] TAYLOR, ROBERT J., US
[72] VASGAARD, AARON J., US
[72] CRUZ, JEFFREY S., US
[72] MAJUMDAR, SAYAK S., US
[72] HOHEISAL, CHRISTOPHER S., US
[71] WAL-MART STORES, INC., US
[22] 2016-05-26
[41] 2016-11-27
[30] US (62/167,075) 2015-05-27

[21] **2,931,542**
[13] A1
[51] **Int.Cl. F24D 15/02 (2006.01)**
[25] EN
[54] **COLUMN HEATER WITH IMPROVED HEAT OUTPUT**
[54] **APPAREIL DE CHAUFFAGE EN COLONNE DOTE D'UN DISPOSITIF DE PRODUCTION DE CHALEUR AMELIOREE**
[72] YANG, ERIC, US
[71] BOND MANUFACTURING COMPANY, US
[22] 2016-05-26
[41] 2016-11-29
[30] US (62/168646) 2015-05-29
[30] US (14/825102) 2015-08-12

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[21] **2,931,546**
[13] A1
[51] **Int.Cl. E04F 13/08 (2006.01) E04D 1/34 (2006.01) E04F 13/21 (2006.01)**
[25] EN
[54] **COVERING PANEL WITH SIMULATED BUILDING ELEMENTS**
[54] **PANNEAU DE REVETEMENT DOTE D'ELEMENTS DE CONSTRUCTION SIMULES**
[72] PICHE, MATHIEU, CA
[72] FORGET, MARTIN, CA
[71] NOVIK INC., CA
[22] 2016-05-27
[41] 2016-11-27
[30] US (62/166.855) 2015-05-27

---

[21] **2,931,551**
[13] A1
[51] **Int.Cl. H04R 5/02 (2006.01)**
[25] EN
[54] **PASSIVE ACOUSTIC RADIATOR MODULE**
[54] **MODULE DE RADIATEUR ACOUSTIQUE PASSIF**
[72] SAHYOUN, JOSEPH Y., US
[71] SAHYOUN, JOSEPH Y., US
[22] 2016-05-26
[41] 2016-11-28
[30] US (62/167713) 2015-05-28

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[21] **2,931,555**
[13] A1
[51] **Int.Cl. C10G 45/00 (2006.01) C10G 45/22 (2006.01)**
[25] EN
[54] **HYDROGEN-ASSISTED ADSORPTION OF SULPHUR COMPOUNDS FROM OLEFIN MIXTURES**
[54] **ADSORPTION ASSISTEE A L'HYDROGENE DE COMPOSES DE SOUFRE DE MELANGES D'OLEFINE**
[72] PEITZ, STEPHAN, DE
[72] STOCHNIOL, GUIDO, DE
[72] MASCHMEYER, DIETRICH, DE
[72] REEKER, HELENE, DE
[72] BUKOHL, REINER, DE
[71] EVONIK DEGUSSA GMBH, DE
[22] 2016-05-26
[41] 2016-11-28
[30] EP (15 169 655.6) 2015-05-28

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[21] **2,931,556**
[13] A1
[51] **Int.Cl. E21B 47/13 (2012.01) E21B 47/07 (2012.01) G01N 21/3577 (2014.01) G01N 21/359 (2014.01) E21B 49/08 (2006.01) G01N 21/00 (2006.01) G01N 27/06 (2006.01)**
[25] EN
[54] **ELECTROMAGNETIC TELEMETRY SYSTEM WITH COMPENSATION FOR DRILLING FLUID CHARACTERISTICS**
[54] **SYSTEME DE TELEMETRIE MAGNETIQUE A COMPENSATION DE CARACTERISTIQUES DE FLUIDE DE FORAGE**
[72] LOGAN, JUSTIN C., CA
[72] LOGAN, AARON W., CA
[72] DERKACZ, PATRICK R., CA
[71] EVOLUTION ENGINEERING INC., CA
[22] 2016-05-27
[41] 2016-11-27
[30] US (62/166790) 2015-05-27

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[21] **2,931,588**
[13] A1
[51] **Int.Cl. F21S 8/02 (2006.01) F21K 9/00 (2016.01) F21V 21/04 (2006.01) F21V 23/00 (2015.01) F21V 23/06 (2006.01) F21V 29/74 (2015.01) F21V 13/02 (2006.01)**
[25] EN
[54] **LIGHTING MODULE FOR RECESSED LIGHTING SYSTEMS**
[54] **MODULE D'ECLAIRAGE POUR SYSTEMES D'ECLAIRAGE ENCASTRES**
[72] BAILEY, MICHAEL D., US
[72] DANESH, MICHAEL D., US
[71] DMF, INC., US
[22] 2016-05-27
[41] 2016-11-29
[30] US (62/168,510) 2015-05-29

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[21] **2,931,590**
[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01) H04W 4/00 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUSES FOR MOBILE RETURNS**
[54] **METHODES ET APPAREILS DE RETOURS PAR APPAREIL MOBILE**
[72] BOLLING, HEATHER, US
[72] DUNN, KENNETH, US
[72] GERSTENBERGER, TROY, US
[72] PEREGOY, BRENDA L., US
[72] PUTMAN, BILLY, US
[72] TOMIC, SAY, US
[71] HOME DEPOT INTERNATIONAL, INC., US
[22] 2016-05-27
[41] 2016-11-29
[30] US (14/726,080) 2015-05-29

[21] **2,931,593**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) G06F 17/30 (2006.01)**
[25] EN
[54] **METHODS, APPARATUSES, AND SYSTEMS FOR ONLINE ITEM LOOKUP OPERATIONS**
[54] **METHODES, APPAREILS ET SYSTEME D'OPERATIONS DE RECHERCHE D'ARTICLE EN LIGNE**
[72] BURNS, KAREN, US
[72] GERSTENBERGER, TROY, US
[72] PEREGOY, BRENDA L., US
[72] SAAK, JESSICA R., US
[72] THOMPSON, JESSE, US
[71] HOME DEPOT INTERNATIONAL, INC., US
[22] 2016-05-27
[41] 2016-11-29
[30] US (14/726,034) 2015-05-29

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[21] **2,931,635**
[13] A1
[51] **Int.Cl. D06F 59/00 (2006.01) A43B 7/00 (2006.01) A47L 23/20 (2006.01)**
[25] EN
[54] **A SHOE DRYER INSERT**
[54] **UNE INSERTION DESTINEE A SECHER LES CHAUSSURES**
[72] ROBBINS, JAMES, GB
[71] DRYSURE OUTDOOR LIMITED, GB
[22] 2016-05-27
[41] 2016-11-28
[30] GB (1509214.1) 2015-05-28

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[21] **2,931,650**
[13] A1
[51] **Int.Cl. F02M 35/16 (2006.01) F02D 9/10 (2006.01) F02M 35/10 (2006.01) F02M 35/104 (2006.01)**
[25] EN
[54] **VEHICLE**
[54] **VEHICULE**
[72] ESHIMA, MAKOTO, JP
[72] ASHIDA, TAKASHI, JP
[72] MURASHIMA, ATSUSHI, JP
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[22] 2016-05-27
[41] 2016-11-29
[30] JP (2015-109927) 2015-05-29

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[21] **2,931,651**
[13] A1
[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/072 (2006.01)**
[25] EN
[54] **MULTI-FIRE LEAD SCREW STAPLING DEVICE**
[54] **DISPOSITIF D'AGRAFAGE A VIS MULTICOUP**
[72] MARCZYK, STANISLAW, US
[72] WARD, ALISTAIR, GB
[72] STACEY, GARY, GB
[72] GROVER, SIMON R., GB
[71] COVIDIEN LP, US
[22] 2016-05-27
[41] 2016-11-27
[30] US (62/166,979) 2015-05-27
[30] US (15/150,611) 2016-05-10

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[21] **2,931,708**
[13] A1
[51] **Int.Cl. F03B 3/14 (2006.01) F03B 13/26 (2006.01)**
[25] EN
[54] **DEVICE FOR REVERSING A BLADE OF A RUNNER UNIT**
[54] **DISPOSITIF DESTINE A INVERSER UNE PALE D'UN CANAL**
[72] BERTEA, JEAN FRANCOIS, FR
[72] BREMOND, JACQUES, FR
[71] ALSTOM RENEWABLE TECHNOLOGIES, FR
[22] 2016-05-31
[41] 2016-12-03
[30] EP (15290145.0) 2015-06-03

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[21] **2,931,710**
[13] A1
[51] **Int.Cl. G01F 23/00 (2006.01) F17C 13/02 (2006.01) G01F 23/22 (2006.01) G01M 3/32 (2006.01)**
[25] EN
[54] **TANK-IN-TANK CONTAINER FILL LEVEL INDICATOR**
[54] **INDICATEUR DE NIVEAU DE REMPLISSAGE D'UN CONTENANT DE RESERVOIR DANS UN RESERVOIR**
[72] CROUSE, KENT ELDON, US
[71] SONICU, LLC, US
[22] 2016-05-30
[41] 2016-11-28
[30] US (62/167,376) 2015-05-28
[30] US (62/338,166) 2016-05-18

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[21] **2,931,713**
[13] A1
[51] **Int.Cl. H04N 7/18 (2006.01) H04N 21/80 (2011.01) H04N 5/222 (2006.01) H04N 13/02 (2006.01)**
[25] EN
[54] **VIDEO CAMERA SCENE TRANSLATION**
[54] **TRANSLATION DE PRISE D'UNE CAMERA VIDEO**
[72] BATALLER, CYRILLE, FR
[72] ASTROM, ANDERS, SG
[72] DANIEL, PHILIPPE, SG
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE
[22] 2016-05-30
[41] 2016-11-29
[30] US (62/167,930) 2015-05-29

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[21] **2,931,714**
[13] A1
[51] **Int.Cl. E04F 21/06 (2006.01)**
[25] EN
[54] **LOOSEFILL INSULATION BLOWING MACHINE WITH REMOVABLE HOSE HUB**
[54] **MACHINE DE SOUFFLAGE D'ISOLANT EN VRAC DOTEE D'UN MOYEU DE TUYAU AMOVIBLE**
[72] COOK, DAVID M., US
[72] ROBINSON, BRANDON, US
[72] MNICH, MARK E., US
[72] CRISP, RYAN S., US
[72] RELYEA, CHRISTOPHER, US
[72] FINKLEA, TERRY, US
[72] CICENAS, CHRIS W., US
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
[22] 2016-06-01
[41] 2016-12-02
[30] US (62/169,658) 2015-06-02

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[21] **2,931,717**
[13] A1
[51] **Int.Cl. A63B 59/20 (2015.01)**
[25] EN
[54] **LACROSSE POCKET**
[54] **POCHE DE CROSSE**
[72] PIPER, ARIANNA CORRELL, US
[72] KENNEDY, STEVEN, US
[71] PERFORMANCE LACROSSE GROUP INC., US
[22] 2016-05-30
[41] 2016-11-28
[30] US (14/724,502) 2015-05-28

[21] **2,931,743**
[13] A1
[51] **Int.Cl. H04N 21/80 (2011.01) H04N 19/136 (2014.01) G08B 17/06 (2006.01) H04N 5/232 (2006.01)**
[25] EN
[54] **PREDICTING EXTERNAL EVENTS FROM DIGITAL VIDEO CONTENT**
[54] **PREDICTION D'EVENEMENTS EXTERIEURS DE CONTENU VIDEO NUMERIQUE**
[72] BATALLER, CYRILLE, FR
[72] ASTROM, ANDERS, SG
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE
[22] 2016-05-30
[41] 2016-11-29
[30] US (62/167,930) 2015-05-29

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[21] **2,931,748**
[13] A1
[51] **Int.Cl. G06K 9/78 (2006.01) H04N 21/80 (2011.01)**
[25] EN
[54] **LOCAL CACHING FOR OBJECT RECOGNITION**
[54] **CACHE LOCAL DESTINE A LA RECONNAISSANCE D'OBJET**
[72] BATALLER, CYRILLE, FR
[72] ASTROM, ANDERS, SG
[72] SCHIOPU, VITALIE, LU
[72] KHALAFI, HAKIM, NL
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE
[22] 2016-05-30
[41] 2016-11-29
[30] US (62/167,930) 2015-05-29

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[21] **2,931,772**
[13] A1
[51] **Int.Cl. B64C 19/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR AUGMENTED PILOT OPERATIONS OF FLY-BY-WIRE VEHICLES**
[54] **METHODE ET APPAREIL D'OPERATIONS DE PILOTAGE AUGMENTEES DE VEHICULES A COMMANDE DE VOL ELECTRIQUE**
[72] SCHULTZ, DOUGLAS ALLEN, US
[71] SCHULTZ, DOUGLAS ALLEN, US
[22] 2016-05-31
[41] 2016-12-01
[30] US (14/727,105) 2015-06-01

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[21] **2,931,781**
[13] A1
[51] **Int.Cl. D06F 79/02 (2006.01)**
[25] EN
[54] **IRONING BOARD ASSEMBLY MAGNETICALLY CONNECTABLE TO A HOUSEHOLD APPLIANCE**
[54] **INSTALLATION DE PLANCHE A REPASSER POUVANT ETRE RELIEE MAGNETIQUEMENT A UN APPAREIL ELECTROMENAGER**
[72] SHOJANIA, MASOUD, CA
[71] SHOJANIA, MASOUD, CA
[22] 2016-06-02
[41] 2016-12-02
[30] US (62/169,733) 2015-06-02

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[21] **2,931,800**
[13] A1
[51] **Int.Cl. F16M 11/00 (2006.01) F16M 11/16 (2006.01)**
[25] EN
[54] **PAVER PEDESTAL AND METHOD OF INSTALLING SAME**
[54] **SUPPORT DE PAVE ET SON PROCEDE D'INSTALLATION**
[72] DOMBROWSKI, RODNEY, US
[72] DUPUIS, RENE, US
[71] WAUSAU TILE, INC., US
[22] 2016-05-31
[41] 2016-12-01
[30] US (62/169,468) 2015-06-01

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[21] **2,931,814**
[13] A1
[51] **Int.Cl. C30B 30/00 (2006.01) H01G 7/06 (2006.01)**
[25] EN
[54] **HIGH-THROUGHPUT DEPOSITION OF A VOLTAGE-TUNABLE DIELECTRIC MATERIAL**
[54] **DEPOT A RENDEMENT ELEVE D'UN MATERIAU ELECTRIQUE MODULABLE PAR LA TENSION**
[72] ZELNER, MARINA, CA
[72] NAGY, SUSAN C., CA
[72] CERVIN, ANDREW VLADIMIR CLAUDE, CA
[72] DILORENZO, JAMES, US
[71] BLACKBERRY LIMITED, CA
[22] 2016-05-31
[41] 2016-12-01
[30] US (14/727088) 2015-06-01

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[21] **2,931,821**
[13] A1
[51] **Int.Cl. H04W 4/24 (2009.01) H04W 8/22 (2009.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DYNAMIC CELLULAR NETWORKING ACTIVATION FOR VIRTUAL SIM SERVICE**
[54] **METHODE ET SYSTEME D'ACTIVATION DE RESEAU CELLULAIRE DYNAMIQUE POUR SERVICE DE SIM VIRTUEL**
[72] PIEDA, PETER STEVEN, CA
[72] NAGARAJAN, SIVAKUMAR, CA
[72] DE ABREU, MARK DAVID, CA
[72] YERXA, BARRY FRASER, CA
[72] BLAIS, PIERRE PIERRE, CA
[72] PLESTID, THOMAS LEONARD TREVOR, CA
[72] FERNANDES, KEVIN PAUL, CA
[71] BLACKBERRY LIMITED, CA
[71] 2236008 ONTARIO INC., CA
[22] 2016-05-27
[41] 2016-11-29
[30] US (14/725,450) 2015-05-29

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[21] **2,931,867**
[13] A1
[51] **Int.Cl. B61L 27/00 (2006.01)**
[25] EN
[54] **ROUTE WARRANT SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE RECHERCHE DE ROUTE**
[72] HORNE, CHRISTOPHER BARRY, US
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
[22] 2016-06-01
[41] 2016-12-03
[30] US (60/170,250) 2015-06-03

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[21] **2,931,869**
[13] A1
[51] **Int.Cl. E04B 5/02 (2006.01) E04B 1/82 (2006.01) E04B 9/00 (2006.01)**
[25] EN
[54] **TUNABLE SPECULAR ACOUSTIC DECK**
[54] **PLATEFORME ACOUSTIQUE SPECULAIRE REGLABLE**
[72] LANDIS, DAVID F., US
[72] RYAN, THOMAS G., US
[71] EPIC METALS CORPORATION, US
[22] 2016-06-03
[41] 2016-12-03
[30] US (62/170,360) 2015-06-03

[21] **2,931,875**
[13] A1
[51] **Int.Cl. C07K 14/47 (2006.01) A61K 38/17 (2006.01) A61P 1/00 (2006.01) A61P 1/04 (2006.01) A61P 31/00 (2006.01) A61P 37/02 (2006.01) C07K 7/08 (2006.01)**
[25] EN
[54] **EZRIN-DERIVED PEPTIDES AND PHARMACEUTICAL COMPOSITIONS THEROF**
[54] **PEPTIDES DERIVES D'EZRINE ET COMPOSITIONS PHARMACEUTIQUES ASSOCIEES**
[72] HOLMS, RUPERT, GB
[72] ATAULLAKHANOV, RAVSHAN, RU
[72] ATAULLAKHANOV, RUSTAM, RU
[72] SAYADYAN, KHACHIK, RU
[71] NEARMEDIC INTERNATIONAL LIMITED, CY
[22] 2016-06-01
[41] 2016-12-01
[30] RU (2015120667) 2015-06-01

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[21] **2,931,899**
[13] A1
[51] **Int.Cl. B09C 1/08 (2006.01)**
[25] EN
[54] **PROCESS TO REMEDIATE CONTAMINATED SOILS USING CARBON DIOXIDE-ASSISTED HYPOCHLORITE OXIDATION**
[54] **PROCEDE DE RETABLISSEMENT DE SOLS CONTAMINES AU MOYEN D'OXYDATION D'HYPOCHLORITE ASSISTEE AU DIOXYDE DE CARBONE**
[72] PICARD, FRANCOIS, CA
[72] CHAOUKI, JAMAL, CA
[71] SIGNATERRE ENVIRONNEMENT INC., CA
[22] 2016-06-01
[41] 2016-12-02
[30] CA (2,893,844) 2015-06-02

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[21] **2,931,902**
[13] A1
[51] **Int.Cl. F21L 4/02 (2006.01) F21L 4/00 (2006.01)**
[25] EN
[54] **PORTABLE LIGHTING DEVICE**
[54] **DISPOSITIF D'ECLAIRAGE PORTATIF**
[72] MACOR, RICHARD J., US
[71] PROPRIETARY TECHNOLOGIES, INC., US
[22] 2016-06-02
[41] 2016-12-02
[30] US (14/545,644) 2015-06-02

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[21] **2,931,906**
[13] A1
[51] **Int.Cl. H04L 12/749 (2013.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETERMINING A DESTINATION LOCATION IN A NETWORK SYSTEM**
[54] **SYSTEMES ET METHODES SERVANT A DETERMINER UN EMPLACEMENT DE DESTINATION DANS UN SYSTEME RESEAU**
[72] PATEL, RAKESH, CA
[71] EVERTZ MICROSYSTEMS LTD., CA
[22] 2016-06-03
[41] 2016-12-03
[30] US (62/170,284) 2015-06-03

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[21] **2,931,915**
[13] A1
[51] **Int.Cl. A01N 65/00 (2009.01) A01C 21/00 (2006.01) A01N 25/08 (2006.01) A01P 7/04 (2006.01)**
[25] EN
[54] **SOIL BLENDS CONTAINING AN INSECTICIDE AND METHODS FOR PRODUCTION AND USE THEREOF**
[54] **MELANGES DE SOL RENFERMANT UN INSECTICIDE ET METHODES DE PRODUCTION ET D'UTILISATION DE CEUX-CI**
[72] MILLS, MATTHEW W., US
[71] MED-X, INC., US
[22] 2016-06-02
[41] 2016-12-03
[30] US (62/170,320) 2015-06-03
[30] US (15/168,283) 2016-05-31

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[21] **2,931,916**
[13] A1
[51] **Int.Cl. B32B 17/10 (2006.01) B32B 7/10 (2006.01) B32B 37/00 (2006.01)**
[25] EN
[54] **BENT, VENEER-ENCAPSULATED HEAT-TREATED SAFETY GLASS PANELS AND METHODS OF MANUFACTURE**
[54] **PANNEAUX DE VERRE DE SECURITE COURBES, TRAITES A CHAUD, ENCAPSULES DANS LE CONTREPLAQUE, ET METHODES DE FABRICATION**
[72] ALDER, RUSSELL ASHLEY, US
[72] ALDER, RICHARD ASHLEY, US
[71] PRECISION GLASS BENDING CORPORATION, US
[22] 2016-06-02
[41] 2016-12-03
[30] US (62/170,240) 2015-06-03
[30] US (15/169,797) 2016-06-01

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[21] **2,931,991**
[13] A1
[51] **Int.Cl. H02B 1/14 (2006.01) H02B 1/03 (2006.01)**
[25] EN
[54] **ELECTRICAL PROTECTION SLIDE**
[54] **GLISSIERE DE PROTECTION ELECTRIQUE**
[72] DESILETS, VERONIQUE, CA
[72] VEZINA, SEBASTIEN, CA
[72] D'ARCY-LEPAGE, ANDREANE, CA
[72] MERCIER, SIMON, CA
[71] SIEMENS CANADA LIMITEE, CA
[22] 2016-06-02
[41] 2016-12-03
[30] US (62170192) 2015-06-03
[30] US (62170190) 2015-06-03
[30] US (62170188) 2015-06-03
[30] US (62170184) 2015-06-03
[30] US (62170187) 2015-06-03
[30] US (62170183) 2015-06-03
[30] US (62170181) 2015-06-03

[21] **2,931,993**
[13] A1
[51] **Int.Cl. H02B 1/14 (2006.01) H02B 1/03 (2006.01) H02B 1/06 (2006.01)**
[25] EN
[54] **ACCESS WINDOWS IN HORIZONTAL BAR SECTION OF AN ELECTRICAL METER CENTER**
[54] **FENETRES D'ACCES DANS UNE SECTION DE BARRE HORIZONTALE D'UN CENTRE DE COMPTEURS ELECTRIQUES**
[72] VEZINA, SEBASTIEN, CA
[72] BOIVIN, MAXIME, CA
[71] SIEMENS CANADA LIMITEE, CA
[22] 2016-06-02
[41] 2016-12-03
[30] US (62170183) 2015-06-03
[30] US (62170181) 2015-06-03
[30] US (62170184) 2015-06-03
[30] US (62170187) 2015-06-03
[30] US (62170188) 2015-06-03
[30] US (62170190) 2015-06-03
[30] US (62170192) 2015-06-03

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[21] **2,932,006**
[13] A1
[51] **Int.Cl. H02B 1/03 (2006.01) H02B 1/04 (2006.01) H02B 1/06 (2006.01)**
[25] EN
[54] **AN ELECTRICAL METER CENTER**
[54] **UN CENTRE DE COMPTEURS ELECTRIQUES**
[72] VEZINA, SEBASTIEN, CA
[71] SIEMENS CANADA LIMITEE, CA
[22] 2016-06-02
[41] 2016-12-03
[30] US (62170188) 2015-06-03
[30] US (62170181) 2015-06-03
[30] US (62170183) 2015-06-03
[30] US (62170184) 2015-06-03
[30] US (62170187) 2015-06-03
[30] US (62170190) 2015-06-03
[30] US (62170192) 2015-06-03

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[21] **2,932,064**
[13] A1
[51] **Int.Cl. G01N 27/72 (2006.01)**
[25] EN
[54] **TRAMP METAL DETECTION**
[54] **DETECTION DE METAL D'APPUI**
[72] DAUGELA, DARCY, CA
[71] SYNCRUDE CANADA LTD., CA
[22] 2016-06-01
[41] 2016-12-02
[30] US (62/169,954) 2015-06-02

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[21] **2,932,067**
[13] A1
[51] **Int.Cl. A01N 63/00 (2006.01) A01P 21/00 (2006.01) C05F 11/08 (2006.01) C05G 3/00 (2006.01) C09K 17/00 (2006.01) C12N 1/20 (2006.01)**
[25] EN
[54] **AGRICULTURAL MICROBIAL INOCULANT COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS INOCULANTES MICROBIENNES DESTINEES A L'AGRICULTURE ET UTILISATIONS ASSOCIEES**
[72] BOBECK, DREW R., US
[72] PEARCE, CEDRIC J., US
[71] KOCH AGRONOMIC SERVICES, LLC, US
[22] 2016-06-02
[41] 2016-12-02
[30] US (62/169,942) 2015-06-02

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[21] **2,932,070**
[13] A1
[51] **Int.Cl. A61G 7/14 (2006.01) A47K 3/12 (2006.01) A61H 33/00 (2006.01)**
[25] EN
[54] **BATHTUB LIFT ASSEMBLY**
[54] **MECANISME DE SOULEVEMENT DE BAIGNOIRE**
[72] OUELLET, PAULO, CA
[72] DUSSAULT, NICOLAS, CA
[71] TINN-CO INC., CA
[22] 2016-06-02
[41] 2016-12-02
[30] US (62/170,021) 2015-06-02

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[21] **2,932,081**
[13] A1
[51] **Int.Cl. F16M 13/02 (2006.01) B60R 11/00 (2006.01)**
[25] EN
[54] **VIBRATION RESISTANT EQUIPMENT MOUNT**
[54] **DISPOSITIF D'INSTALLATION D'EQUIPEMENT RESISTANT AUX VIBRATIONS**
[72] MOORE, GARY L., US
[71] DGM ENTERPRISES LLC, US
[22] 2016-06-03
[41] 2016-12-03
[30] US (62/170,388) 2015-06-03

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[21] **2,932,087**
[13] A1
[51] **Int.Cl. G06F 9/44 (2006.01)**
[25] EN
[54] **PROGRAMMING INTERFACE DEVICE FOR GENERATING DEDICATED COMPUTER SERVICE PROGRAMMES FOR USING SHARED COMPUTER RESOURCES**
[54] **DISPOSITIF D'INTERFACE DE PROGRAMMATION SERVANT A GENERER DES PROGRAMMES DE SERVICE INFORMATIQUE DEDIES EN VUE D'UTILISER DES RESSOURCES INFORMATIQUES PARTAGEES**
[72] LEVRIER, MARC, FR
[72] CALEGARI, PATRICE, FR
[72] LACOUR, SEBASTIEN, FR
[72] BALCZYNSKI, PAWEL, PL
[71] BULL SAS, FR
[22] 2016-06-02
[41] 2016-12-03
[30] FR (1555034) 2015-06-03

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[21] **2,932,149**
[13] A1
[51] **Int.Cl. B65F 1/00 (2006.01) B65F 1/14 (2006.01)**
[25] EN
[54] **BLOW-MOLDED WASTE CART WITH MOLDED AXLE RETAINING STRAPS**
[54] **CHARIOT A DECHETS MOULE PAR SOUFFLAGE DOTE DE FIXATIONS DE RETENUE D'ESSIEU MOULEES**
[72] HAMILTON, BRUCE, US
[72] MORONEY, BRIAN, US
[72] ECK, DOUGLAS, US
[71] TOLEDO MOLDING & DIE, INC., US
[22] 2016-06-03
[41] 2016-12-03
[30] US (62/170,531) 2015-06-03

[21] **2,932,152**
[13] A1
[51] **Int.Cl. B65F 1/00 (2006.01) B29C 49/00 (2006.01) B65F 1/14 (2006.01)**
[25] EN
[54] **BLOW-MOLDED WASTE CART WITH MOLDED CIRCUMFERENTIAL COMPRESSION FLANGE**
[54] **CHARIOT A DECHETS MOULE PAR SOUFFLAGE DOTE DE BRIDES DE COMPRESSION PERIPHERIQUE MOULEES**
[72] HAMILTON, BRUCE, US
[72] MORONEY, BRIAN, US
[72] ECK, DOUGLAS, US
[71] TOLEDO MOLDING & DIE, INC., US
[22] 2016-06-03
[41] 2016-12-03
[30] US (62/170,542) 2015-06-03

[21] **2,932,162**
[13] A1
[51] **Int.Cl. B65F 1/00 (2006.01) B62B 1/24 (2006.01) B65D 25/28 (2006.01)**
[25] EN
[54] **BLOW-MOLDED WASTE CART WITH HANDLE**
[54] **CHARIOT A DECHETS MOULE PAR SOUFFLAGE DOTE D'UNE POIGNEE**
[72] HAMILTON, BRUCE, US
[72] MORONEY, BRIAN, US
[72] ECK, DOUGLAS, US
[71] TOLEDO MOLDING & DIE, INC., US
[22] 2016-06-03
[41] 2016-12-03
[30] US (62/170,517) 2015-06-03

[21] **2,932,168**
[13] A1
[51] **Int.Cl. B65F 1/14 (2006.01) B29C 49/00 (2006.01) B65F 1/00 (2006.01) B65F 1/16 (2006.01)**
[25] EN
[54] **BLOW MOLDED WASTE CART WITH MOLDED LATCH BAR POCKET**
[54] **CHARIOT A DECHETS MOULE PAR SOUFFLAGE DOTE D'UNE POCHE DE BARRE DE VERROU MOULEE**
[72] HAMILTON, BRUCE, US
[72] MORONEY, BRIAN, US
[72] ECK, DOUGLAS, US
[71] TOLEDO MOLDING & DIE, INC., US
[22] 2016-06-03
[41] 2016-12-03
[30] US (62/170,484) 2015-06-03

[21] **2,932,171**
[13] A1
[51] **Int.Cl. B65F 1/14 (2006.01) B65F 1/00 (2006.01)**
[25] EN
[54] **BLOW MOLDED WASTE CART WITH INSERT MOLDED LIFT POCKET REINFORCEMENT**
[54] **CHARIOT A DECHETS MOULE PAR SOUFFLAGE DOTE D'UN RENFORT DE POCHE DE SOULEVEMENT MOULEE INTEGREE**
[72] HAMILTON, BRUCE, US
[72] MORONEY, BRIAN, US
[72] ECK, DOUGLAS, US
[71] TOLEDO MOLDING & DIE, INC., US
[22] 2016-06-03
[41] 2016-12-03
[30] US (62/170,506) 2015-06-03

[21] **2,932,228**
[13] A1
[51] **Int.Cl. H02B 1/03 (2006.01) H02G 3/22 (2006.01)**
[25] EN
[54] **WINDOW FOR BOTTOM ACCESS TO AN ELECTRICAL METER CENTER**
[54] **FENETRE A ACCES AU BAS DESTINEE A UN CENTRE DE COMPTEURS ELECTRIQUES**
[72] KOLLENDA, ANNA, CA
[72] DESILETS, VERONIQUE, CA
[72] VEZINA, SEBASTIEN, CA
[71] SIEMENS CANADA LIMITEE, CA
[22] 2016-06-03
[41] 2016-12-03
[30] US (62170192) 2015-06-03
[30] US (62170190) 2015-06-03
[30] US (62170188) 2015-06-03
[30] US (62170187) 2015-06-03
[30] US (62170184) 2015-06-03
[30] US (62170183) 2015-06-03
[30] US (62170181) 2015-06-03

[21] **2,934,294**
[13] A1
[51] **Int.Cl. B65D 55/02 (2006.01) B65D 43/14 (2006.01)**
[25] EN
[54] **TAMPER EVIDENT PLASTIC FOOD CONTAINER WITH TRIGGER OPEN MECHANISM**
[54] **CONTENANT EN PLASTIQUE INVIOLABLE DESTINE A RECEVOIR DES ALIMENTS ET DOTE D'UN MECANISME D'OUVERTURE A DECLENCHEMENT**
[72] KRUEGER, KEVIN, US
[72] STEIN, BRUCE, US
[71] ANCHOR PACKAGING, INC., US
[22] 2016-06-28
[41] 2016-11-29
[30] US (14/869,135) 2015-09-29

[21] **2,935,463**
[13] A1
[51] **Int.Cl. H04L 12/28 (2006.01) H04L 12/701 (2013.01) H04L 9/32 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **CLOUD-BASED MULTI-LAYER SECURITY ARCHITECTURE WITH FIREWALLED VIRTUAL NETWORK PORTIONS**
[54] **ARCHITECTURE DE SECURITE MULTICOUCHE NUAGIQUE COMPORTANT DES PORTIONS DE RESEAU VIRTUEL PROTEGEES PAR UN PARE-FEU**
[72] STEVENSON, JOHN, US
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE
[22] 2016-07-07
[41] 2016-12-01
[30] US (14/793,285) 2015-07-07

[21] **2,939,495**
[13] A1
[51] **Int.Cl. B03B 9/02 (2006.01) B03D 1/02 (2006.01)**
[25] EN
[54] **OLEOPHILIC SEPARATION TO REPLACE BITUMEN FROTH FLOTATION OF OIL SAND SLURRY AND FFT**
[54] **SEPARATION OLEOPHILE VISANT A REMPLACER LE FLOTTAGE DE MOUSSE DE BITUME DE BOUES DE SABLE BITUMINEUX ET BITUME APTE A L'ECOULEMENT**
[72] KRUYER, JAN, CA
[71] KRUYER, JAN, CA
[22] 2016-08-17
[41] 2016-11-29

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[21] **2,940,069**
[13] A1
[51] **Int.Cl. C11D 7/26 (2006.01) C11D 3/37 (2006.01) D06M 15/19 (2006.01)**
[25] EN
[54] **FABRIC CARE COMPOSITION COMPRISING GLYCERIDE COPOLYMERS**
[54] **COMPOSITION DE SOIN DES TISSUS RENFERMANT DES COPOLYMERES DE GLYCERIDE**
[72] SCHUBERT, BETH ANN, US
[72] PANANDIKER, RAJAN KESHEV, US
[72] ZANNONI, LUKE ANDREW, US
[72] URBIN, STEPHANIE ANN, US
[72] SIVIK, MARK ROBERT, US
[71] THE PROCTER & GAMBLE COMPANY, US
[22] 2016-08-25
[41] 2016-11-29
[30] US (15/240,259) 2016-08-18

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[21] **2,940,326**
[13] A1
[51] **Int.Cl. A47J 37/07 (2006.01) F24C 3/04 (2006.01) F24D 15/02 (2006.01)**
[25] EN
[54] **A GAS FIRE BOWL**
[54] **UN FOYER ROND AU GAZ**
[72] JENKINS, CAMERON, US
[71] BOND MANUFACTURING CO., INC., US
[22] 2016-08-29
[41] 2016-12-01
[30] CN (2016200974249) 2016-02-01

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[21] **2,944,386**
[13] A1
[51] **Int.Cl. A47F 8/00 (2006.01) A47F 7/22 (2006.01) A47F 8/02 (2006.01)**
[25] EN
[54] **SPORTS MEMORABILIA JERSEY HANGER WITH ATHLETE'S FACIAL LIKENESS**
[54] **SUPPORT DE CHANDAIL DE SPORT SOUVENIR ORNE D'UNE REPRESENTATION DU VISAGE DE L'ATHLETE**
[72] SANDERS, LEE, CA
[72] SANDERS, HELEN, CA
[72] SIMPSON, DAVID, CA
[71] SANDERS, LEE, CA
[71] SANDERS, HELEN, CA
[71] SIMPSON, DAVID, CA
[22] 2016-10-05
[41] 2016-12-02
[30] US (62/373,058) 2016-08-10

PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

[21] **2,888,097**
[13] A1
[51] **Int.Cl. B62D 21/18 (2006.01)**
[25] EN
[54] **SIDE-BY-SIDE VEHICLE**
[54] **VEHICULE BIPLACE COTE A COTE**
[72] DECKARD, AARON D., US
[72] SWAIN, PHILLIP B., US
[72] IVES, ANDY T., US
[72] HOUKOM, AUSTIN L., US
[72] PETERSON, SHAWN D., US
[72] STEINMETZ, GORDON J., US
[72] SCHLANGEN, ADAM J., US
[72] ROYTEK, CORRIE S., US
[72] GOFFMAN, DANIEL L., US
[72] JOHNSON, CLINTON A., US
[72] SCHLEIF, ANDREW C., US
[72] FIELDS, JASON R., US
[72] HANEGRAAF, THOMAS C., US
[72] KASTANEK, JOHN A., US
[72] ENDRIZZI, JAMES J., US
[72] JAEGER, RICKY G., US
[72] NYSSE, AARON J., US
[72] NUGTEREN, DANIEL J., US
[72] HURD, CHRIS J., US
[72] CARRUTH, CURTIS C., US
[72] STROBACH, DANIEL P., US
[71] POLARIS INDUSTRIES INC., US
[85] 2015-04-09
[86] 2013-10-11 (PCT/US2013/064516)
[87] (WO2014/059258)
[30] US (61/712,396) 2012-10-11
[30] US (61/829,743) 2013-05-31

---

[21] **2,895,713**
[13] A1
[51] **Int.Cl. A61B 17/56 (2006.01) A61B 17/04 (2006.01)**
[25] EN
[54] **SUTURE ANCHOR MANAGEMENT**
[54] **GESTION D'ANCRAGE DE SUTURE**
[72] BRANTHOVER, LEWIS PEARCE, US
[72] LOWEREY, GARY W., US
[71] WRIGHT MEDICAL TECHNOLOGY, INC., US
[85] 2015-06-25
[86] 2015-05-27 (PCT/US2015/032617)
[87] (2895713)

---

[21] **2,895,812**
[13] A1
[51] **Int.Cl. A61B 17/56 (2006.01) A61B 17/04 (2006.01)**
[25] EN
[54] **SUTURE ANCHOR MANAGEMENT**
[54] **GESTION D'ANCRAGE DE SUTURE**
[72] BRANTHOVER, LEWIS PEARCE, US
[72] LOWERY, GARY W., US
[72] AWTREY, GEORGE MATTHEW, US
[72] WOODARD, JOSEPH RYAN, US
[71] WRIGHT MEDICAL TECHNOLOGY, INC., US
[85] 2015-06-26
[86] 2015-05-28 (PCT/US2015/032971)
[87] (2895812)

---

[21] **2,924,204**
[13] A1
[51] **Int.Cl. A61B 17/56 (2006.01) A61B 17/04 (2006.01)**
[25] EN
[54] **SUTURE ANCHOR MANAGEMENT**
[54] **GESTION D'ANCRAGE DE SUTURE**
[72] BRANTHOVER, LEWIS PEARCE, US
[72] LOWERY, GARY W., US
[72] WOODARD, JOSEPH RYAN, US
[72] GUILFORD, JENNIFER, US
[72] AWTREY, GEORGE MATTHEW, US
[72] THOREN, BRIAN ROBERT, US
[71] WRIGHT MEDICAL TECHNOLOGY, INC., US
[85] 2016-03-18
[86] 2015-05-29 (PCT/US2015/033177)
[87] (2924204)

---

[21] **2,929,293**
[13] A1
[51] **Int.Cl. B01J 19/24 (2006.01) C07C 63/00 (2006.01) C07C 65/21 (2006.01) C07C 309/32 (2006.01) C07D 231/12 (2006.01) C07D 249/06 (2006.01) C07D 257/04 (2006.01) C07F 9/28 (2006.01) C30B 29/54 (2006.01) C30B 30/06 (2006.01)**
[25] EN
[54] **PRODUCTION OF METAL-ORGANIC FRAMEWORKS**
[54] **PRODUCTION DE CADRES DE TRAVAIL METAL-COMPOSE ORGANIQUE**
[72] MONCH, ANDREAS ALEXANDER, AU
[72] HADLEY, TREVOR DEON, AU
[72] BARTON, TIMOTHY RAYMOND, AU
[72] POLYZOS, ANASTASIOS, AU
[72] LIM, KOK SENG, AU
[72] BATTEN, MICHAEL, AU
[72] HILL, MATTHEW ROLAND, AU
[72] RUBIO MARTINEZ, MARTA, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[85] 2016-05-06
[86] 2015-05-27 (PCT/AU2015/000317)
[87] (2929293)

---

[21] **2,939,334**
[13] A1
[51] **Int.Cl. G01V 1/34 (2006.01)**
[25] EN
[54] **SEISMIC ADAPTIVE FOCUSING**
[54] **FOCALISATION SISMIQUE ADAPTATIVE**
[72] ETGEN, JOHN THEODORE, US
[72] CHU, CHUNLEI, US
[71] BP CORPORATION NORTH AMERICA, INC., US
[85] 2016-08-11
[86] 2015-04-02 (PCT/US2015/024099)
[87] (WO2015/157084)
[30] US (61/977,615) 2014-04-09
[30] US (61/978,610) 2014-04-11

[21] **2,940,161**
[13] A1
[51] **Int.Cl. H01M 10/42 (2006.01) H01M 10/48 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **A METHOD AND APPARATUS FOR CONTROLLING ACCESS TO ONE OR MORE MEMORIES IN A RECHARGEABLE BATTERY**
[54] **PROCEDE ET APPAREIL POUR COMMANDER L'ACCES A UNE OU PLUSIEURS MEMOIRES DANS UNE BATTERIE RECHARGEABLE**
[72] KERFOOT, ROY L., JR., US
[72] HERRMANN, JOHN E., US
[72] TARABOULOS, MARK C.,, US
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2016-08-18
[86] 2015-02-10 (PCT/US2015/015107)
[87] (WO2015/130460)
[30] US (14/189,694) 2014-02-25

---

[21] **2,941,617**
[13] A1
[51] **Int.Cl. C02F 1/469 (2006.01) C02F 1/44 (2006.01) C02F 1/66 (2006.01)**
[25] EN
[54] **PROCESS AND SYSTEM FOR REMOVING AMMONIUM FROM WASTEWATER**
[54] **PROCEDE ET SYSTEME D'EXTRACTION D'AMMONIUM DES EAUX USEES**
[72] YIN, XIANGCHUN, CA
[72] SPARROW, BENJAMIN, CA
[71] SALTWORKS TECHNOLOGIES INC., CA
[85] 2016-09-09
[86] 2016-06-14 (PCT/CA2016/050686)
[87] (2941617)
[30] US (62/175,637) 2015-06-15

---

[21] **2,941,778**
[13] A1
[51] **Int.Cl. H01L 41/04 (2006.01) B81B 3/00 (2006.01) H01L 29/772 (2006.01) H01L 35/02 (2006.01) H04W 88/02 (2009.01) G01J 5/44 (2006.01) G01L 1/16 (2006.01) G01R 29/22 (2006.01) G06F 3/01 (2006.01) G09B 5/00 (2006.01) H04B 1/40 (2015.01)**
[25] EN
[54] **INTEGRATED PIEZOELECTRIC CANTILEVER ACTUATOR AND TRANSISTOR FOR TOUCH INPUT AND HAPTIC FEEDBACK APPLICATIONS**
[54] **ACTIONNEUR CANTILEVER PIEZOELECTRIQUE ET TRANSISTOR INTEGRES DESTINES AUX APPLICATIONS D'ENTREE TACTILE ET DE RETROACTION HAPTIQUE**
[72] FRESCAS, JESUS ALFONSO, SA
[72] AL-HOWAISH, IBRAHIM, SA
[72] ALMADHOUN, MAHMOUD N., SA
[72] BELLA, REDHA, SA
[71] SABIC GLOBAL TECHNOLOGIES B.V., NL
[85] 2016-09-12
[86] 2016-06-03 (PCT/IB2016/053279)
[87] (2941778)
[30] US (62/185,506) 2015-06-26

---

[21] **2,943,668**
[13] A1
[51] **Int.Cl. H01Q 19/30 (2006.01) H01Q 9/16 (2006.01) H01Q 13/10 (2006.01) H01Q 19/13 (2006.01) H01Q 21/26 (2006.01)**
[25] EN
[54] **WIDENED BEAMWIDTH FOR DIPOLE ANTENNAS USING PARASITIC MONOPOLE ANTENNA ELEMENTS**
[54] **LARGEUR DE FAISCEAU ELARGIE DESTINEE A DES ANTENNES DIPOLAIRES AU MOYEN D'ELEMENT D'ANTENNE MONOPOLAIRE PARASITE**
[72] FARZANEH, SADEGH, CA
[72] GAVRILOVIC, MINYA, CA
[72] HOJJAT, NASRIN, CA
[72] BROMLEY, DES, CA
[71] COMMUNICATION COMPONENTS ANTENNA INC., CA
[85] 2016-09-30
[86] 2016-05-31 (PCT/CA2016/050611)
[87] (2943668)
[30] US (62/199,790) 2015-07-31

---

[21] **2,944,090**
[13] A1
[51] **Int.Cl. D01F 6/92 (2006.01) D01F 1/10 (2006.01) D01F 6/62 (2006.01)**
[25] EN
[54] **POLYMER FIBRE WITH IMPROVED DISPERSIBILITY**
[54] **FIBRE DE POLYMERE A DISPERSIBILITE AMELIOREE**
[72] DAHRINGER, JORG, DE
[72] KLANERT, MICHAEL, DE
[72] HESSE, THOMAS, DE
[71] TREVIRA GMBH, DE
[85] 2016-09-27
[86] 2015-03-20 (PCT/EP2015/055966)
[87] (WO2015/154971)
[30] DE (10 2014 004 928.0) 2014-04-07
[30] DE (10 2014 015 258.8) 2014-10-16

---

[21] **2,944,197**
[13] A1
[51] **Int.Cl. E21B 10/48 (2006.01) E21B 10/46 (2006.01)**
[25] EN
[54] **FIBER-CONTAINING DIAMOND-IMPREGNATED CUTTING TOOLS AND METHODS OF FORMING AND USING SAME**
[54] **OUTILS DE COUPE IMPREGNES DE DIAMANTS CONTENANT DES FIBRES ET LEURS PROCEDES DE FORMATION ET D'UTILISATION**
[72] DRIVDAHL, KRISTIAN S., US
[72] RUPP, MICHAEL D., US
[72] LAMBERT, CHRISTIAN M., US
[72] PEARCE, CODY A., US
[71] LONGYEAR TM, INC., US
[85] 2016-09-27
[86] 2015-03-27 (PCT/US2015/022965)
[87] (WO2015/148910)
[30] US (14/229,387) 2014-03-28

[21] **2,944,522**
[13] A1
[51] **Int.Cl. D06M 15/333 (2006.01) D21B 1/06 (2006.01) D21B 1/08 (2006.01) D21C 5/02 (2006.01) D21H 11/14 (2006.01) D21H 11/18 (2006.01)**
[25] EN
[54] **FIBERS WITH FILLER**
[54] **FIBRES COMPRENANT UNE CHARGE**
[72] SUMNICHT, DANIEL W., US
[72] SCHULZE, THOMAS, DE
[72] NIEMZ, FRANK-GUNTHER, DE
[71] GEORGIA-PACIFIC CONSUMER PRODUCTS LP, US
[85] 2016-09-29
[86] 2015-04-06 (PCT/US2015/024507)
[87] (WO2015/157168)
[30] US (61/978,323) 2014-04-11
[30] US (14/677,011) 2015-04-02

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[21] **2,944,535**
[13] A1
[51] **Int.Cl. B01D 67/00 (2006.01) B01D 69/04 (2006.01) B01D 71/02 (2006.01)**
[25] EN
[54] **A METHOD OF MAKING A SUPPORTED GAS SEPARATION MEMBRANE**
[54] **PROCEDE DE FABRICATION D'UNE MEMBRANE DE SEPARATION DE GAZ SOUTENUE**
[72] SAUKAITIS, JOHN CHARLES, US
[72] PRECISE, ERIC, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2016-09-29
[86] 2015-04-08 (PCT/US2015/024915)
[87] (WO2015/157412)
[30] US (61/977,790) 2014-04-10

---

[21] **2,944,582**
[13] A1
[51] **Int.Cl. B65D 25/38 (2006.01) A45D 34/00 (2006.01) B05B 11/00 (2006.01)**
[25] EN
[54] **FLUID DISPENSING DEVICE AND VALVE HAVING A RETURN MEANS**
[54] **DISPOSITIF DISTRIBUTEUR DE FLUIDE ET VALVE MUNIE D'UN MOYEN DE RAPPEL**
[72] BOULAIS, GUILLAUME, FR
[71] GB DEVELOPPEMENT, FR
[85] 2016-09-30
[86] 2015-04-09 (PCT/EP2015/057789)
[87] (WO2015/155318)
[30] FR (1453181) 2014-04-10

---

[21] **2,944,618**
[13] A1
[51] **Int.Cl. D04H 1/56 (2006.01) D04H 1/407 (2012.01) D01D 4/02 (2006.01)**
[25] EN
[54] **PROCESS AND APPARATUS FOR PRODUCING A FIBROUS-CONTAINING AND/OR PARTICLE-CONTAINING NONWOVEN**
[54] **PROCEDE ET APPAREIL DE PRODUCTION D'UN NON-TISSE CONTENANT DES FIBRES ET/OU DES PARTICULES**
[72] BOSCOLO, GALLIANO, IT
[71] BOMA ENGINEERING S.P.A, IT
[85] 2016-09-30
[86] 2015-04-03 (PCT/EP2015/097018)
[87] (WO2015/155378)
[30] EP (14163778.5) 2014-04-07
[30] EP (14185696.3) 2014-09-22

---

[21] **2,944,679**
[13] A1
[51] **Int.Cl. B01D 67/00 (2006.01) B01D 69/04 (2006.01) B01D 71/02 (2006.01)**
[25] EN
[54] **A METHOD OF MAKING A SUPPORTED GAS SEPARATION MEMBRANE**
[54] **PROCEDE DE FABRICATION D'UNE MEMBRANE DE SEPARATION DE GAZ SUPPORTEE**
[72] SAUKAITIS, JOHN CHARLES, US
[72] PRECISE, ERIC, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2016-09-30
[86] 2015-04-08 (PCT/US2015/024919)
[87] (WO2015/157414)
[30] US (61/977,796) 2014-04-10

---

[21] **2,944,685**
[13] A1
[51] **Int.Cl. B01L 3/02 (2006.01)**
[25] EN
[54] **MULTICHANNEL PIPETTING SYSTEM COMPRISING TWO ASPIRATION CHAMBERS THAT ARE IMBRICATED IN ONE ANOTHER**
[54] **SYSTEME DE PIPETAGE MULTICANAUX COMPRENANT DEUX CHAMBRES D'ASPIRATION IMBRIQUEES L'UNE DANS L'AUTRE**
[72] DUDEK, BRUNO, FR
[71] GILSON SAS, FR
[85] 2016-10-03
[86] 2015-04-09 (PCT/EP2015/057788)
[87] (WO2015/155317)
[30] FR (14 53185) 2014-04-10

---

[21] **2,944,686**
[13] A1
[51] **Int.Cl. A62C 35/68 (2006.01) A62C 31/02 (2006.01) B01D 35/02 (2006.01) B05B 15/00 (2006.01) F23K 5/18 (2006.01)**
[25] EN
[54] **FILTER**
[54] **FILTRE**
[72] GARDEN, IAN, GB
[71] RIGDELUGE GLOBAL LIMITED, GB
[85] 2016-10-03
[86] 2015-04-07 (PCT/GB2015/051056)
[87] (WO2015/150836)
[30] GB (1406174.1) 2014-04-04
[30] GB (1407584.0) 2014-04-30

[21] **2,944,758**
[13] A1
[51] **Int.Cl. B01D 21/28 (2006.01) B01D 49/00 (2006.01) B06B 1/06 (2006.01)**
[25] EN
[54] **A REFLECTOR FOR AN ACOUSTOPHORETIC DEVICE**
[54] **REFLECTEUR POUR UN DISPOSITIF ACOUSTOPHORETIQUE**
[72] MCCARTHY, BRIAN, US
[72] ROSS-JOHNSRUD, BEN, US
[72] LIPKENS, BART, US
[71] FLODESIGN SONICS, INC., US
[85] 2016-10-03
[86] 2015-04-03 (PCT/US2015/024365)
[87] (WO2015/160538)
[30] US (61/975,035) 2014-04-04

---

[21] **2,944,818**
[13] A1
[51] **Int.Cl. B31F 1/07 (2006.01) D21H 27/02 (2006.01)**
[25] EN
[54] **EMBOSSING-LAMINATING DEVICE**
[54] **DISPOSITIF DE GAUFRAGE-STRATIFICATION**
[72] MONTAGNANI, FRANCO, IT
[72] MUCHETTI, ALESSANDRO, IT
[72] RICCI, MAURO, IT
[71] FABIO PERINI S.P.A., IT
[85] 2016-10-04
[86] 2015-04-01 (PCT/EP2015/057171)
[87] (WO2015/150452)
[30] IT (FI2014A000075) 2014-04-04

---

[21] **2,945,031**
[13] A1
[51] **Int.Cl. B05C 1/08 (2006.01) B05D 3/06 (2006.01) B29C 59/04 (2006.01) B29C 59/02 (2006.01) B64C 21/10 (2006.01) F15D 1/00 (2006.01)**
[25] EN
[54] **APPLICATOR**
[54] **APPLICATEUR**
[72] STURM, THOMAS, DE
[72] HUBER, HELMUT, DE
[71] AIRBUS OPERATIONS GMBH, DE
[85] 2016-10-06
[86] 2015-04-02 (PCT/EP2015/057365)
[87] (WO2015/155128)
[30] DE (20 2014 101 661.9) 2014-04-09
[30] DE (20 2014 104 613.5) 2014-09-26

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[21] **2,945,061**
[13] A1
[51] **Int.Cl. B02C 4/30 (2006.01) B02C 15/00 (2006.01)**
[25] EN
[54] **GRINDING ROLLER COMPRISING INSERTS OF INCREASED MASSIVENESS**
[54] **ROULEAU BROYEUR RENFERMANT DES INSERTIONS DE MASSIVITE AUGMENTEE**
[72] GUERARD, NORBERT, BE
[72] LEJEUNE, ERIC, BE
[71] MAGOTTEAUX INTERNATIONAL S.A., BE
[85] 2016-10-06
[86] 2015-04-16 (PCT/EP2015/058222)
[87] (WO2015/162047)
[30] BE (2014/0287) 2014-04-23

---

[21] **2,945,073**
[13] A1
[51] **Int.Cl. B29C 65/06 (2006.01)**
[25] EN
[54] **METHOD, LINE AND MACHINE FOR MANUFACTURING A FLEXIBLE HOSE/CONNECTOR ASSEMBLY OF POLYMERIC MATERIAL**
[54] **PROCEDE, CHAINE ET MACHINE POUR LA FABRICATION D'UN ENSEMBLE TUYAU FLEXIBLE/RACCORD EN MATERIAU POLYMERE**
[72] MEZZALIRA, ALESSANDRO, IT
[72] VIGOLO, VALENTINO, IT
[72] PETRONILLI, ANDREA, IT
[72] CEGALIN, ALESSANDRO, IT
[71] FITT S.P.A., IT
[85] 2016-10-06
[86] 2015-04-13 (PCT/IB2015/052674)
[87] (WO2015/155750)
[30] IT (VI2014A000106) 2014-04-11

---

[21] **2,945,346**
[13] A1
[51] **Int.Cl. B65D 51/24 (2006.01) A47K 5/12 (2006.01) G08C 17/02 (2006.01)**
[25] EN
[54] **SYSTEM FOR TRACKING DISPENSE EVENTS**
[54] **SYSTEME DE SUIVI D'EVENEMENTS DE DISTRIBUTION**
[72] WEGELIN, JACKSON WILLIAM, US
[72] ARCHER, MATTHEW JOSEPH, US
[72] CURTIS, CHIP, US
[71] GOJO INDUSTRIES, INC., US
[85] 2016-10-07
[86] 2015-04-09 (PCT/US2015/025049)
[87] (WO2015/157491)
[30] US (61/977,553) 2014-04-09

---

[21] **2,945,429**
[13] A1
[51] **Int.Cl. A63F 13/828 (2014.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONDUCTING FANTASY CONTESTS**
[54] **SYSTEMES ET METHODES DE TENUE DE CONCOURS IMAGINAIRES**
[72] BAAZOV, OFER, CA
[72] BROOKS, MICHAEL, CA
[71] FANTECH SOFTWARE INC., CA
[85] 2016-10-17
[86] 2016-05-25 (PCT/CA2016/050588)
[87] (2945429)
[30] US (62/169,730) 2015-06-02
[30] US (62/240,695) 2015-10-13
[30] CA (2,908,292) 2015-10-14

[21] **2,945,514**
[13] A1
[51] **Int.Cl. C07D 403/04 (2006.01) A61K 31/4178 (2006.01) A61P 31/14 (2006.01)**
[25] EN
[54] **POTENT AND SELECTIVE INHIBITORS OF HEPATITIS C VIRUS**
[54] **INHIBITEURS PUISSANTS ET SELECTIFS DU VIRUS DE L'HEPATITE C**
[72] COATS, STEVEN J., US
[72] WHITAKER, RICHARD ANTHONY, US
[72] MCBRAYER, TAMARA ROSARIO, US
[72] SHI, JUNXING, US
[72] AMBLARD, FRANCK, US
[72] ZHANG, HONGWANG, US
[72] ZHOU, LONGHU, US
[72] SCHINAZI, RAYMOND F., US
[71] COCRYSTAL PHARMA, INC., US
[71] EMORY UNIVERSITY, US
[85] 2016-10-11
[86] 2015-04-15 (PCT/US2015/025903)
[87] (WO2015/160907)
[30] US (61/980,016) 2014-04-15

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[21] **2,945,529**
[13] A1
[51] **Int.Cl. C07D 309/08 (2006.01) A61K 31/341 (2006.01) A61K 31/351 (2006.01) A61K 31/422 (2006.01) A61K 31/44 (2006.01) A61K 31/4433 (2006.01) A61P 25/00 (2006.01) C07D 213/70 (2006.01) C07D 307/18 (2006.01) C07D 405/10 (2006.01) C07D 413/10 (2006.01)**
[25] EN
[54] **ARYL SUBSTITUTED HETEROCYCLYL SULFONES**
[54] **SULFONES A HETEROCYCLYLES A SUBSTITUTION ARYLE**
[72] SCHUNK, STEFAN, DE
[72] REICH, MELANIE, DE
[72] JAKOB, FLORIAN, DE
[72] KOENIGS, RENE MICHAEL, DE
[72] DAMANN, NILS, DE
[72] HAURAND, MICHAEL, DE
[72] ROGERS, MARC, GB
[72] SUTTON, KATHY, GB
[72] HAMLYN, RICHARD, GB
[71] GRUNENTHAL GMBH, DE
[85] 2016-10-12
[86] 2015-04-14 (PCT/EP2015/000781)
[87] (WO2015/158426)
[30] EP (14001345.9) 2014-04-14

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[21] **2,945,535**
[13] A1
[51] **Int.Cl. C07D 309/08 (2006.01) A61K 31/351 (2006.01) A61K 31/36 (2006.01) A61K 31/4196 (2006.01) A61K 31/422 (2006.01) A61K 31/4433 (2006.01) A61P 25/00 (2006.01) C07D 317/48 (2006.01) C07D 405/04 (2006.01) C07D 405/10 (2006.01) C07D 413/10 (2006.01)**
[25] EN
[54] **HETEROARYL SUBSTITUTED HETEROCYCLYL SULFONES**
[54] **SULFONES A HETEROCYCLYLES A SUBSTITUTION HETEROARYLE**
[72] SCHUNK, STEFAN, DE
[72] REICH, MELANIE, DE
[72] JAKOB, FLORIAN, DE
[72] DAMANN, NILS, DE
[72] HAURAND, MICHAEL, DE
[72] KLESS, ACHIM, DE
[72] ROGERS, MARC, GB
[72] SUTTON, KATHY, GB
[71] GRUNENTHAL GMBH, DE
[85] 2016-10-12
[86] 2015-04-14 (PCT/EP2015/000782)
[87] (WO2015/158427)
[30] EP (14001346.7) 2014-04-14

---

[21] **2,945,539**
[13] A1
[51] **Int.Cl. C07D 405/04 (2006.01) A61K 31/343 (2006.01) A61K 31/357 (2006.01) A61K 31/36 (2006.01) A61K 31/41 (2006.01) A61K 31/428 (2006.01) A61K 31/4433 (2006.01) A61P 9/06 (2006.01) C07D 307/85 (2006.01) C07D 405/10 (2006.01) C07D 405/12 (2006.01) C07D 417/12 (2006.01)**
[25] EN
[54] **POLYCYCLIC HERG ACTIVATORS**
[54] **ACTIVATEURS POLYCYCLIQUES DES CANAUX HERG**
[72] BEBERNITZ, GREGORY RAYMOND, US
[72] CODY, EMMA, US
[72] DAY, ROBERT FRANCI, US
[72] PATEL, TAJESH JAYPRAKASH, US
[72] QIAN, MING, US
[72] WHITEHEAD, LEWIS, US
[72] ZABAWA, THOMAS, US
[72] ZECRI, FREDERIC, US
[71] NOVARTIS AG, CH
[85] 2016-10-11
[86] 2015-04-16 (PCT/US2015/026133)
[87] (WO2015/161052)
[30] US (61/980,932) 2014-04-17

---

[21] **2,945,558**
[13] A1
[51] **Int.Cl. A61K 35/76 (2015.01) A61P 25/00 (2006.01) A61P 25/02 (2006.01) C12N 7/01 (2006.01) C12N 15/864 (2006.01)**
[25] EN
[54] **A METHOD OF TREATING PERIPHERAL NEUROPATHIES AND MOTOR NEURON DISEASES**
[54] **PROCEDE DE TRAITEMENT DE NEUROPATHIES PERIPHERIQUES ET DE MALADIES DES MOTONEURONES**
[72] BUJ BELLO, ANA MARIA, FR
[72] CHILDERS, MARTIN, K., US
[71] GENETHON, FR
[71] WAKE FOREST UNIVERSITY HEALTH SCIENCES, US
[85] 2016-10-12
[86] 2015-04-20 (PCT/EP2015/058505)
[87] (WO2015/158924)
[30] EP (14165329.5) 2014-04-18

---

[21] **2,945,587**
[13] A1
[51] **Int.Cl. A61K 31/12 (2006.01) A61K 36/9066 (2006.01) A61P 21/00 (2006.01) A61P 39/06 (2006.01)**
[25] EN
[54] **CURCUMIN COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS A BASE DE CURCUMINE ET UTILISATIONS ASSOCIEES**
[72] DESHPANDE, JAYANT, CA
[72] JUTURU, VIJAYA, US
[71] OMNIACTIVE HEALTH TECHNOLOGIES LIMITED, IN
[85] 2016-10-12
[86] 2015-04-17 (PCT/IB2015/052825)
[87] (WO2015/159272)
[30] US (61/981,440) 2014-04-18
[30] US (14/689,127) 2015-04-17

[21] **2,945,612**
[13] A1
[51] **Int.Cl. C07D 241/46 (2006.01) G01N 33/48 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **PHENAZINIUM MEDIATORS**
[54] **MEDIATEURS PHENAZINIUM**
[72] HEINDL, DIETER, DE
[72] NORTMEYER, CHRISTINE, DE
[72] GEBAUER, PETER, DE
[72] HUNT DU VALL, STACY, US
[72] BAUER-ESPINDOLA, KLAUS ANDREAS, DE
[71] F.HOFFMANN-LA ROCHE AG, CH
[85] 2016-10-13
[86] 2015-04-13 (PCT/EP2015/057933)
[87] (WO2015/158645)
[30] EP (14164571.3) 2014-04-14

---

[21] **2,945,623**
[13] A1
[51] **Int.Cl. H01P 3/02 (2006.01) H01R 12/72 (2011.01) H03H 7/24 (2006.01) H04B 3/30 (2006.01) H05K 1/02 (2006.01) H05K 3/42 (2006.01) H05K 1/11 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR TRANSMITTING DIFFERENTIAL DATA SIGNALS**
[54] **DISPOSITIF ET PROCEDE DE TRANSMISSION DE SIGNAUX DE DONNEES DIFFERENTIELS**
[72] JANSSEN, BERND, DE
[72] UNTIEDT, CHRISTOPH, DE
[72] BLESSEN, HERGEN, DE
[71] LEONI KABEL HOLDING GMBH, DE
[85] 2016-10-13
[86] 2015-04-14 (PCT/EP2015/058095)
[87] (WO2015/158726)
[30] DE (10 2014 207 367.7) 2014-04-16

---

[21] **2,945,635**
[13] A1
[51] **Int.Cl. A61K 31/454 (2006.01) A61K 31/713 (2006.01) A61K 39/395 (2006.01) A61P 1/18 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PANCREATIC CANCER THERAPY AND DIAGNOSIS**
[54] **THERAPIE ET DIAGNOSTIC DU CANCER DU PANCREAS**
[72] POURIA, JANDAGHI, DE
[72] HOHEISEL, JORG, DE
[72] RIAZALHOSSEINI, YASSER, CA
[71] DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES OFFENTLICHEN RECHTS, DE
[71] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY, CA
[85] 2016-10-13
[86] 2015-04-17 (PCT/EP2015/058380)
[87] (WO2015/158890)
[30] EP (14165053.1) 2014-04-17

---

[21] **2,945,682**
[13] A1
[51] **Int.Cl. G08B 13/08 (2006.01) E05B 1/00 (2006.01) G08B 25/10 (2006.01) H01H 35/02 (2006.01)**
[25] EN
[54] **DOOR ALARM**
[54] **ALARME DE PORTE**
[72] HENDRIE, WILLIAM S., CA
[71] HENDRIE, WILLIAM S., CA
[85] 2016-10-13
[86] 2015-04-14 (PCT/CA2015/050307)
[87] (WO2015/157860)
[30] US (61/980,082) 2014-04-16

---

[21] **2,945,687**
[13] A1
[51] **Int.Cl. C07D 231/56 (2006.01) A61K 31/416 (2006.01) A61K 31/4184 (2006.01) A61K 31/437 (2006.01) A61P 23/00 (2006.01) A61P 25/00 (2006.01) C07D 401/12 (2006.01) C07D 403/06 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **ANTAGONISTS ACTING AT MULTIPLE PROSTAGLANDIN RECEPTORS FOR THE TREATMENT OF INFLAMMATION**
[54] **ANTAGONISTES AGISSANT AU NIVEAU DE MULTIPLES RECEPTEURS DE LA PROSTAGLANDINE POUR LE TRAITEMENT DE L'INFLAMMATION**
[72] MARTOS, JOSE L., GB
[72] WOODWARD, DAVID F., US
[72] WANG, JENNY W., US
[72] DABBS, STEVEN, GB
[72] KANGASMETSA, JUSSI J., GB
[71] ALLERGAN, INC., US
[85] 2016-07-27
[86] 2015-01-27 (PCT/US2015/013119)
[87] (WO2015/113057)
[30] US (61/931,756) 2014-01-27

---

[21] **2,945,707**
[13] A1
[51] **Int.Cl. A61K 31/445 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **DOSING REGIMENS FOR TREATING AND/OR PREVENTING CEREBRAL AMYLOIDOSES**
[54] **SCHEMAS POSOLOGIQUES POUR LE TRAITEMENT ET/OU LA PREVENTION D'AMYLOIDOSES CEREBRALES**
[72] WUSTMAN, BRANDON ALAN, US
[71] AMICUS THERAPEUTICS, INC., US
[85] 2016-10-12
[86] 2015-04-14 (PCT/US2015/025733)
[87] (WO2015/160796)
[30] US (61/979,408) 2014-04-14
[30] US (14/684,967) 2015-04-13

[21] **2,945,758**
[13] A1
[51] **Int.Cl. G08G 1/09 (2006.01) G08G 1/01 (2006.01) G08G 1/095 (2006.01) G08G 1/096 (2006.01)**
[25] EN
[54] **TRAFFIC SIGNAL DISPLAY AND METHOD**
[54] **AFFICHAGE DE FEU DE CIRCULATION ET PROCEDE**
[72] VALA, NITIN, US
[71] VALA, NITIN, US
[85] 2016-10-13
[86] 2015-04-17 (PCT/US2015/026354)
[87] (WO2015/161186)
[30] US (61/980,987) 2014-04-17

---

[21] **2,945,768**
[13] A1
[51] **Int.Cl. A61K 38/15 (2006.01)**
[25] EN
[54] **METHODS OF TREATMENT OF C. DIFFICILE SPORES WITH RAMOPLANIN**
[54] **METHODES DE TRAITEMENT DE SPORES DE C. DIFFICILE AU MOYEN DE RAMOPLANINE**
[72] TALTON, JAMES D., US
[72] KRAUS, CARL N., US
[71] NANOTHERAPEUTICS, INC., US
[85] 2016-10-13
[86] 2015-04-16 (PCT/US2015/026170)
[87] (WO2015/161074)
[30] US (61/980,370) 2014-04-16

---

[21] **2,945,796**
[13] A1
[51] **Int.Cl. A61K 9/14 (2006.01) A61B 18/04 (2006.01) A61K 41/00 (2006.01) A61N 1/40 (2006.01) A61N 2/00 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR THERAPEUTIC HEAT TREATMENT**
[54] **DISPOSITIFS ET PROCEDES DE TRAITEMENT THERMIQUE THERAPEUTIQUE**
[72] SUTERMEISTER, DEREK C., US
[72] REYNOLDS, BRIAN R., US
[72] OSTROOT, TIMOTHY A., US
[72] ANDERSON, JAMES M., US
[72] HANSON, CASS ALEXANDER, US
[72] WEBER, JAN, NL
[72] KRONSTEDT, JOSEPH ALAN, US
[72] HAVERKOST, PATRICK A., US
[72] WILLARD, MARTIN R., US
[71] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2016-10-13
[86] 2015-04-17 (PCT/US2015/026396)
[87] (WO2015/161211)
[30] US (61/980,952) 2014-04-17
[30] US (61/981,003) 2014-04-17
[30] US (61/980,936) 2014-04-17
[30] US (61/980,995) 2014-04-17

---

[21] **2,945,818**
[13] A1
[51] **Int.Cl. A61K 31/165 (2006.01) A61K 9/00 (2006.01) A61K 9/08 (2006.01) A61K 47/36 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **TOPICAL COMPOSITIONS FOR PAIN RELIEF, MANUFACTURE AND USE**
[54] **COMPOSITIONS TOPIQUES POUR LE SOULAGEMENT DE LA DOULEUR, LEUR FABRICATION ET LEUR UTILISATION**
[72] BIRBARA, PHILIP J. (DECEASED), ZZ
[72] BUCKS, DANIEL, US
[71] VIZURI HEALTH SCIENCES LLC, US
[85] 2016-10-13
[86] 2015-04-15 (PCT/US2015/025957)
[87] (WO2015/160941)
[30] US (61/979,905) 2014-04-15

---

[21] **2,945,861**
[13] A1
[51] **Int.Cl. F03D 13/10 (2016.01) F03D 13/20 (2016.01) E04H 12/08 (2006.01) E04H 12/34 (2006.01)**
[25] EN
[54] **ALIGNMENT TOOL, SYSTEM AND METHOD FOR THE CONNECTION OF WIND TURBINE TOWER SEGMENTS**
[54] **OUTIL D'ALIGNEMENT, SYSTEME ET PROCEDE POUR LA LIAISON DE SEGMENTS DE TOUR DE TURBINE EOLIENNE**
[72] PEDERSEN, GUNNAR K. STORGAARD, DK
[72] MOLLER NIELSEN, BEN, DK
[72] HERMANN HANSEN, JESPER, DK
[72] TORBORG, JENS, DK
[71] VESTAS WIND SYSTEMS A/S, DK
[85] 2016-10-14
[86] 2015-04-16 (PCT/DK2015/050096)
[87] (WO2015/161855)
[30] DK (PA 2014 70229) 2014-04-22

---

[21] **2,945,864**
[13] A1
[51] **Int.Cl. E02F 3/88 (2006.01) E02F 5/00 (2006.01) E02F 5/28 (2006.01) E21C 50/00 (2006.01)**
[25] EN
[54] **DEVICE FOR COLLECTING AND REMOVING PLASTIC, SLUDGE-LIKE MATERIALS DEPOSITED ON THE BEDS OF BODIES OF WATER**
[54] **DISPOSITIF PERMETTANT DE RECUEILLIR ET D'ENLEVER DES MATIERES PLASTIQUES BOUEUSES DEPOSEES AU FOND DES EAUX**
[72] LINNER, GEORG, DE
[71] LINNER, GEORG, DE
[85] 2016-10-14
[86] 2015-04-13 (PCT/DE2015/000186)
[87] (WO2015/158322)
[30] DE (10 2014 005 737.2) 2014-04-16

[21] **2,945,877**
[13] A1
[51] **Int.Cl. C12P 21/02 (2006.01) C07K 14/39 (2006.01) C12N 1/19 (2006.01) C12N 15/09 (2006.01) C12N 15/31 (2006.01) C12N 15/67 (2006.01) C12N 15/81 (2006.01)**
[25] EN
[54] **RECOMBINANT HOST CELL FOR EXPRESSING PROTEINS OF INTEREST**
[54] **CELLULE HOTE RECOMBINANTE POUR L'EXPRESSION DE PROTEINES D'INTERET**
[72] GASSER, BRIGITTE, AT
[72] MATTANOVICH, DIETHARD, AT
[72] BUCHETICS, MARKUS, AT
[71] BOEHRINGER INGELHEIM RCV GMBH & CO KG, AT
[71] VTU TECHNOLOGY GMBH, AT
[71] SANDOZ AG, CH
[71] LONZA LTD., CH
[85] 2016-10-14
[86] 2015-04-16 (PCT/EP2015/058225)
[87] (WO2015/158800)
[30] EP (14165188.5) 2014-04-17

---

[21] **2,945,882**
[13] A1
[51] **Int.Cl. C07K 16/00 (2006.01) C07K 16/18 (2006.01) C12N 15/13 (2006.01) C12P 21/00 (2006.01) C07K 14/735 (2006.01)**
[25] EN
[54] **MULTIMERIC FC PROTEINS**
[54] **PROTEINES FC MULTIMERES**
[72] GRIFFIN, ROBERT ANTHONY, GB
[72] HUMPHREYS, DAVID PAUL, GB
[72] PETERS, SHIRLEY JANE, GB
[71] UCB BIOPHARMA SPRL, BE
[85] 2016-10-14
[86] 2015-04-16 (PCT/EP2015/058338)
[87] (WO2015/158867)
[30] GB (1406894.4) 2014-04-16
[30] GB (1412649.4) 2014-07-16

---

[21] **2,945,883**
[13] A1
[51] **Int.Cl. A61K 38/24 (2006.01) A61P 15/08 (2006.01)**
[25] EN
[54] **CONTROLLED OVARIAN HYPERSTIMULATION WITH IMPROVED RECOMBINANT HUMAN FOLLICLE-STIMULATING HORMONE**
[54] **HYPERSTIMULATION OVARIENNE CONTROLEE AU MOYEN D'UNE HORMONE DE STIMULATION FOLLICULAIRE HUMAINE RECOMBINANTE AMELIOREE**
[72] GOLETZ, STEFFEN, DE
[72] STOCKL, LARS, DE
[71] GLYCOTOPE GMBH, DE
[85] 2016-10-14
[86] 2015-04-17 (PCT/EP2015/058352)
[87] (WO2015/158875)
[30] US (61/981,621) 2014-04-18

---

[21] **2,945,887**
[13] A1
[51] **Int.Cl. F24F 11/00 (2006.01)**
[25] FR
[54] **IMPROVED CONTROL OF A THERMAL DEVICE**
[54] **COMMANDE PERFECTIONNEE D'UN APPAREIL THERMIQUE**
[72] LEMAIRE, PHILIPPE, FR
[72] MORARD, JEAN-LOUIS, FR
[72] POURRAT, FRANCOIS, FR
[71] MULLER & CIE, FR
[85] 2016-10-14
[86] 2015-04-09 (PCT/FR2015/050938)
[87] (WO2015/158990)
[30] FR (14 53518) 2014-04-17

---

[21] **2,945,889**
[13] A1
[51] **Int.Cl. C12N 5/078 (2010.01) C12N 5/07 (2010.01) C12N 5/0781 (2010.01) C12N 5/0783 (2010.01) C07K 16/28 (2006.01) C12M 3/00 (2006.01)**
[25] EN
[54] **METHODS, KITS AND APPARATUS FOR EXPANDING A POPULATION OF CELLS**
[54] **METHODES, KITS ET APPAREIL POUR LA MULTIPLICATION D'UNE POPULATION DE CELLULES**
[72] GERMEROTH, LOTHAR, DE
[72] STEMBERGER, CHRISTIAN, DE
[71] JUNO THERAPEUTICS GMBH, DE
[85] 2016-10-14
[86] 2015-04-16 (PCT/EP2015/058339)
[87] (WO2015/158868)
[30] US (61/980,506) 2014-04-16

---

[21] **2,945,892**
[13] A1
[51] **Int.Cl. H01S 5/14 (2006.01) H01S 5/40 (2006.01) H01S 3/08 (2006.01)**
[25] EN
[54] **LASER BEAM GENERATING DEVICE AND METHOD FOR ADJUSTING A WAVELENGTH OF A LASER BEAM**
[54] **DISPOSITIF DE GENERATION DE FAISCEAU LASER ET PROCEDE DE REGLAGE D'UNE LONGUEUR D'ONDE D'UN FAISCEAU LASER**
[72] FERRARIO, FABIO, DE
[72] KRUSCHKE, BASTIAN, DE
[72] FRITSCHE, HARO, DE
[72] KOCH, RALF, SE
[71] DIRECTPHOTONICS INDUSTRIES GMBH, DE
[85] 2016-10-14
[86] 2015-04-27 (PCT/EP2015/059079)
[87] (WO2015/158929)

[21] **2,945,895**
[13] A1
[51] **Int.Cl. A23L 33/00 (2016.01) A23L 29/25 (2016.01) A23L 33/21 (2016.01) A61K 31/70 (2006.01)**
[25] EN
[54] **USE OF A COMPOSITION COMPRISING ARABIC GUM (AG) FOR IMPROVING GUT IMPERMEABILITY**
[54] **UTILISATION D'UNE COMPOSITION COMPRENANT DE LA GOMME ARABIQUE (GA) PERMETTANT D'AMELIORER L'IMPERMEABILITE INTESTINALE**
[72] DAGUET, DAVID, FR
[71] NEXIRA INTERNATIONAL, FR
[85] 2016-10-14
[86] 2014-04-25 (PCT/IB2014/001222)
[87] (WO2015/162447)

---

[21] **2,945,898**
[13] A1
[51] **Int.Cl. C12P 19/34 (2006.01) C12Q 1/68 (2006.01)**
[25] FR
[54] **METHOD FOR SYNTHESISING NUCLEIC ACIDS, IN PARTICULAR LONG NUCLEIC ACIDS, USE OF SAID METHOD AND KIT FOR IMPLEMENTING SAID METHOD**
[54] **PROCEDE DE SYNTHESE D'ACIDES NUCLEIQUES, NOTAMMENT D'ACIDES NUCLEIQUES DE GRANDE LONGUEUR, UTILISATION DU PROCEDE ET KIT POUR LA MISE EN OEUVRE DU PROCEDE**
[72] YBERT, THOMAS, FR
[72] GARIEL, SYLVAIN, FR
[71] DNA SCRIPT, FR
[85] 2016-10-14
[86] 2015-04-15 (PCT/FR2015/051022)
[87] (WO2015/159023)
[30] FR (1453455) 2014-04-17

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[21] **2,945,900**
[13] A1
[51] **Int.Cl. C07D 499/87 (2006.01)**
[25] EN
[54] **METHOD**
[54] **PROCEDE**
[72] FAINI, ANDREA, IT
[72] FORZATTI, MARCO, IT
[72] FOGLIATO, GIOVANNI, IT
[72] BIONDI, STEFANO, IT
[71] ALLECRA THERAPEUTICS SAS, FR
[85] 2016-10-14
[86] 2015-05-14 (PCT/EP2015/060733)
[87] (WO2015/173378)
[30] GB (1408649.0) 2014-05-15

---

[21] **2,945,909**
[13] A1
[51] **Int.Cl. A47L 9/24 (2006.01) A47L 5/24 (2006.01) F16B 7/04 (2006.01)**
[25] EN
[54] **CLEANING IMPLEMENT FOR A VACUUM CLEANER AND CLEANING APPARATUS**
[54] **INSTRUMENT DE NETTOYAGE POUR ASPIRATEUR, ET APPAREIL DE NETTOYAGE**
[72] BROOK, DANIEL JAMES, GB
[72] MARSH, JONATHAN GEORGE, GB
[71] DYSON TECHNOLOGY LIMITED, GB
[85] 2016-10-14
[86] 2015-03-31 (PCT/GB2015/050987)
[87] (WO2015/159046)
[30] GB (1406874.6) 2014-04-16

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[21] **2,945,913**
[13] A1
[51] **Int.Cl. A47L 5/24 (2006.01) A47L 5/36 (2006.01) A47L 9/00 (2006.01) A47L 9/24 (2006.01)**
[25] EN
[54] **CLEANING APPARATUS**
[54] **APPAREIL DE NETTOYAGE**
[72] MARSH, JONATHAN GEORGE, GB
[72] BROOK, DANIEL JAMES, GB
[71] DYSON TECHNOLOGY LIMITED, GB
[85] 2016-10-14
[86] 2015-03-31 (PCT/GB2015/050988)
[87] (WO2015/159047)
[30] GB (1406873.8) 2014-04-16

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[21] **2,945,925**
[13] A1
[51] **Int.Cl. A61K 39/39 (2006.01) A61K 9/14 (2006.01) A61K 9/16 (2006.01) A61K 47/36 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **PARTICULATE VACCINE FORMULATIONS FOR INDUCING INNATE AND ADAPTIVE IMMUNITY**
[54] **FORMULATIONS DE VACCIN PARTICULAIRE POUR INDUIRE L'IMMUNITE INNEE ET ACQUISE**
[72] KALTENBOECK, BERNHARD, US
[72] GUPTA, RAM B., US
[72] CHOWDHURY, ERFAN U., US
[72] OBER, COURTNEY A., US
[71] AUBURN UNIVERSITY, US
[85] 2016-10-14
[86] 2015-03-31 (PCT/US2015/023567)
[87] (WO2015/160501)
[30] US (61/981,328) 2014-04-18
[30] US (61/986,148) 2014-04-30

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[21] **2,945,929**
[13] A1
[51] **Int.Cl. H04B 10/079 (2013.01) H04B 10/2575 (2013.01)**
[25] EN
[54] **SMART RECEIVERS AND TRANSMITTERS FOR CATV NETWORKS**
[54] **RECEPTEURS ET EMETTEURS INTELLIGENTS POUR RESEAUX DE CATV**
[72] MUTALIK, VENKATESH G., US
[72] CHIAPPETTA, JOSEPH F., US
[72] SCHEMMANN, MARCEL F., NL
[72] CHASMAWALA, SHAMSUDDIN H., US
[71] ARRIS ENTERPRISES LLC, US
[85] 2016-10-14
[86] 2015-04-10 (PCT/US2015/025359)
[87] (WO2015/160660)
[30] US (61/980,030) 2014-04-15
[30] US (14/683,230) 2015-04-10

[21] **2,945,932**
[13] A1
[51] **Int.Cl. A45D 40/26 (2006.01) A45D 34/04 (2006.01)**
[25] EN
[54] **PRODUCT APPLICATION DEVICE**
[54] **DISPOSITIF D'APPLICATION DE PRODUIT**
[72] SHORLAND, SIMON T., GB
[72] CUNNINGHAM, SAMANTHA, GB
[72] MAZUR, BEN, GB
[72] AL-MUKHTAR, OSAMA JAMES, GB
[71] ELEMENTZ LLC, GB
[85] 2016-10-14
[86] 2015-04-23 (PCT/GB2015/051203)
[87] (WO2015/162430)
[30] US (61/983,205) 2014-04-23
[30] US (14/693,961) 2015-04-23

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[21] **2,945,962**
[13] A1
[51] **Int.Cl. G06F 19/16 (2011.01) G06F 19/10 (2011.01) G06F 19/22 (2011.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **DETECTING MUTATIONS AND PLOIDY IN CHROMOSOMAL SEGMENTS**
[54] **DETECTION DE MUTATIONS ET DE LA PLOIDIE DANS DES SEGMENTS CHROMOSOMIQUES**
[72] BABIARZ, JOSHUA, US
[72] CONSTANTIN, TUDOR POMPILIU, US
[72] EUBANK, LANE A., US
[72] GEMELOS, GEORGE, US
[72] HILL, MATTHEW MICAH, US
[72] KIRKIZLAR, HUSEYIN ESER, US
[72] RABINOWITZ, MATTHEW, US
[72] SAKARYA, ONUR, US
[72] SIGURJONSSON, STYRMIR, US
[72] ZIMMERMAN, BERNHARD, US
[71] NATERA, INC., US
[85] 2016-10-14
[86] 2015-04-21 (PCT/US2015/026957)
[87] (WO2015/164432)
[30] US (61/982,245) 2014-04-21
[30] US (61/987,407) 2014-05-01
[30] US (61/994,791) 2014-05-16
[30] US (62/066,514) 2014-10-21
[30] US (62/146,188) 2015-04-10
[30] US (62/147,377) 2015-04-14
[30] US (62/148,173) 2015-04-15

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[21] **2,945,966**
[13] A1
[51] **Int.Cl. H04B 1/46 (2006.01) H04W 4/10 (2009.01) H04B 1/38 (2015.01)**
[25] EN
[54] **METHOD FOR AUTOMATICALLY SWITCHING TO A CHANNEL FOR TRANSMISSION ON A MULTI-WATCH PORTABLE RADIO**
[54] **PROCEDE DE COMMUTATION AUTOMATIQUE A UN CANAL POUR UNE TRANSMISSION SUR UNE RADIO PORTABLE A MODE MULTI-VEILLE**
[72] THAM, MUN YEW, MY
[72] HONG, BING YEE, MY
[72] TANG, TING FOOK, MY
[72] WU, CHIA CHUAN, MY
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2016-10-14
[86] 2015-03-24 (PCT/US2015/022112)
[87] (WO2015/160476)
[30] US (14/253,521) 2014-04-15

---

[21] **2,945,968**
[13] A1
[51] **Int.Cl. A23L 33/00 (2016.01) A23L 33/115 (2016.01) A23L 33/125 (2016.01) A23L 33/135 (2016.01) A23L 33/17 (2016.01) C12N 1/20 (2006.01)**
[25] EN
[54] **NUTRITIONAL COMPOSITIONS DIRECTED TO SUBJECTS HAVING COW'S MILK PROTEIN ALLERGIES**
[54] **COMPOSITIONS NUTRITIONNELLES DESTINEES AUX SUJETS SOUFFRANT D'ALLERGIES AUX PROTEINES DU LAIT DE VACHE**
[72] AO, ZIHUA, US
[72] GONZALEZ, JUAN M., US
[71] MJN U.S. HOLDINGS LLC, US
[85] 2016-10-14
[86] 2015-03-25 (PCT/US2015/022485)
[87] (WO2015/164020)
[30] US (14/260,392) 2014-04-24

---

[21] **2,945,970**
[13] A1
[51] **Int.Cl. A23L 33/00 (2016.01) A61K 35/747 (2015.01) A23L 33/115 (2016.01) A23L 33/125 (2016.01) A23L 33/135 (2016.01) A23L 33/17 (2016.01) A23L 33/21 (2016.01) A61P 1/00 (2006.01) C12N 1/20 (2006.01)**
[25] EN
[54] **PEDIATRIC NUTRITIONAL COMPOSITION WITH HUMAN MILK OLIGOSACCHARIDES, PREBIOTICS AND PROBIOTICS**
[54] **COMPOSITION NUTRITIONNELLE PEDIATRIQUE AYANT DES OLIGOSACCHARIDES DE LAIT HUMAIN, DES PREBIOTIQUES ET DES PROBIOTIQUES**
[72] CHICHLOWSKI, MACIEJ, US
[72] JOUNI, ZEINA, US
[72] BERG, BRIAN, US
[72] WITTKE, ANJA,, US
[72] WAWORUNTU, ROSALINE,, US
[71] MJN U.S. HOLDINGS LLC, US
[85] 2016-10-14
[86] 2015-03-25 (PCT/US2015/022487)
[87] (WO2015/164021)
[30] US (14/262,166) 2014-04-25
[30] US (14/476,849) 2014-09-04

---

[21] **2,945,983**
[13] A1
[51] **Int.Cl. E21B 33/08 (2006.01)**
[25] EN
[54] **ROTATING CONTROL DEVICE RADIAL SEAL PROTECTION**
[54] **PROTECTION PAR JOINT RADIAL DE DISPOSITIF DE COMMANDE TOURNANT**
[72] CHAMBERS, JAMES W., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2016-10-14
[86] 2015-05-29 (PCT/US2015/033313)
[87] (WO2015/184345)
[30] US (62/004,665) 2014-05-29

[21] **2,946,004**
[13] A1
[51] **Int.Cl. B61L 27/00 (2006.01) B61L 15/00 (2006.01)**
[25] EN
[54] **RAILWAY SAFETY CRITICAL SYSTEMS WITH TASK REDUNDANCY AND ASYMMETRIC COMMUNICATIONS CAPABILITY**
[54] **SYSTEMES CRITIQUES DE SECURITE FERROVIAIRE AVEC REDONDANCE DE TACHE ET CAPACITE DE COMMUNICATION ASYMETRIQUE**
[72] EGEL, ZOLTAN, US
[72] WEBER, CLAUS, US
[71] SIEMENS INDUSTRY, INC., US
[85] 2016-10-14
[86] 2015-04-09 (PCT/US2015/025022)
[87] (WO2015/160603)
[30] US (14/254,332) 2014-04-16

[21] **2,946,033**
[13] A1
[51] **Int.Cl. B60G 99/00 (2010.01) B60G 3/14 (2006.01) B60G 21/00 (2006.01) B62D 9/04 (2006.01)**
[25] FR
[54] **VEHICLE HAVING A CHASSIS AND A PENDULUM NACELLE**
[54] **VEHICULE POSSEDANT UN CHASSIS ET UNE NACELLE PENDULAIRE**
[72] RAMBAUD, PASCAL, FR
[71] SWINCAR, FR
[85] 2016-10-13
[86] 2015-03-27 (PCT/FR2015/050799)
[87] (WO2015/158976)
[30] FR (14/53513) 2014-04-17

[21] **2,946,040**
[13] A1
[51] **Int.Cl. B25J 9/16 (2006.01) G06F 9/44 (2006.01) G10L 15/18 (2013.01) G10L 15/22 (2006.01)**
[25] EN
[54] **EXECUTING SOFTWARE APPLICATIONS ON A ROBOT**
[54] **EXECUTION D'APPLICATIONS LOGICIELLES SUR UN ROBOT**
[72] MAISONNIER, BRUNO, FR
[72] MONCEAUX, JEROME, FR
[72] HOUSSIN, DAVID, FR
[72] BARBIERI, GABRIELE, FR
[72] VELTROP, TAYLOR, FR
[71] SOFTBANK ROBOTICS EUROPE, FR
[85] 2016-10-17
[86] 2015-04-17 (PCT/EP2015/058360)
[87] (WO2015/158880)
[30] EP (14305580.4) 2014-04-17

[21] **2,946,043**
[13] A1
[51] **Int.Cl. G10L 13/027 (2013.01) B25J 11/00 (2006.01) G10L 15/18 (2013.01) G10L 15/22 (2006.01) G10L 15/26 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR MANAGING DIALOGS OF A ROBOT**
[54] **PROCEDES ET SYSTEMES DE GESTION DE DIALOGUES D'UN ROBOT**
[72] MONCEAUX, JEROME, FR
[72] GATE, GWENNAEL, FR
[72] BARBIERI, GABRIELE, FR
[72] VELTROP, TAYLOR, FR
[71] SOFTBANK ROBOTICS EUROPE, FR
[85] 2016-10-17
[86] 2015-04-17 (PCT/EP2015/058361)
[87] (WO2015/158881)
[30] EP (14305581.2) 2014-04-17

[21] **2,946,044**
[13] A1
[51] **Int.Cl. B25J 9/16 (2006.01) G06F 9/44 (2006.01) G06F 9/445 (2006.01) G06F 11/30 (2006.01)**
[25] EN
[54] **ACTIVITY MONITORING OF A ROBOT**
[54] **SURVEILLANCE D'ACTIVITE D'UN ROBOT**
[72] MONCEAUX, JEROME, FR
[72] GATE, GWENNAEL, FR
[72] BARBIERI, GABRIELE, FR
[71] SOFTBANK ROBOTICS EUROPE, FR
[85] 2016-10-17
[86] 2015-04-17 (PCT/EP2015/058364)
[87] (WO2015/158883)
[30] EP (14305582.0) 2014-04-17

[21] **2,946,046**
[13] A1
[51] **Int.Cl. C12N 9/22 (2006.01) C12N 15/09 (2006.01) C12N 15/55 (2006.01) C12P 19/34 (2006.01) C12Q 1/68 (2006.01) C40B 50/06 (2006.01)**
[25] EN
[54] **MODIFIED TRANSPOSASES FOR IMPROVED INSERTION SEQUENCE BIAS AND INCREASED DNA INPUT TOLERANCE**
[54] **TRANSPOSASES MODIFIEES POUR UN MEILLEUR BIAIS DE SEQUENCE D'INSERTION ET UNE TOLERANCE ACCRUE AUX INTRODUCTIONS D'ADN**
[72] GLOECKNER, CHRISTIAN, DE
[72] KIA, AMIRALI, US
[72] BOMATI, ERIN, US
[72] HE, MOLLY, US
[72] GRUNENWALD, HAIYING LI, US
[72] KUERSTEN, SCOTT, US
[72] OSOTHPRAROP, TRINA FAYE, US
[72] HASKINS, DARIN, US
[72] BURGESS, JOSHUA, US
[72] KHANNA, ANUPAMA, US
[72] SCHLINGMAN, DANIEL, US
[72] VAIDYANATHAN, RAMESH, US
[71] ILLUMINA, INC., US
[85] 2016-10-14
[86] 2015-04-15 (PCT/US2015/025889)
[87] (WO2015/160895)
[30] US (61/979,871) 2014-04-15
[30] US (62/062,006) 2014-10-09
[30] US (62/080,882) 2014-11-17

[21] **2,946,056**
[13] A1
[51] **Int.Cl. G10L 15/25 (2013.01) G10L 15/32 (2013.01) B25J 9/16 (2006.01) B25J 11/00 (2006.01) G06F 17/27 (2006.01) G10L 15/22 (2006.01)**
[25] EN
[54] **METHOD OF PERFORMING MULTI-MODAL DIALOGUE BETWEEN A HUMANOID ROBOT AND USER, COMPUTER PROGRAM PRODUCT AND HUMANOID ROBOT FOR IMPLEMENTING SAID METHOD**
[54] **PROCEDE DE REALISATION D'UN DIALOGUE MULTIMODE ENTRE UN ROBOT HUMANOIDE ET UN UTILISATEUR, PRODUIT PROGRAMME D'ORDINATEUR ET ROBOT HUMANOIDE PERMETTANT DE METTRE EN □UVRE CE PROCEDE**
[72] MONCEAUX, JEROME, FR
[72] GATE, GWENNAEL, FR
[72] HOUSSIN, DAVID, FR
[72] BARBIERI, GABRIELE, FR
[72] MARTIN, JOCELYN, FR
[72] TESTARD, JEAN, FR
[72] GOURDIN, ILMO, FR
[71] SOFTBANK ROBOTICS EUROPE, FR
[85] 2016-10-17
[86] 2015-04-17 (PCT/EP2015/058373)
[87] (WO2015/158887)
[30] EP (14305583.8) 2014-04-17

[21] **2,946,062**
[13] A1
[51] **Int.Cl. C07D 495/04 (2006.01) A61K 31/381 (2006.01) A61K 31/395 (2006.01) A61K 31/435 (2006.01) A61K 31/4365 (2006.01) A61K 31/4545 (2006.01) C07D 211/14 (2006.01) C07D 211/44 (2006.01) C07D 211/58 (2006.01) C07D 295/12 (2006.01) C07D 333/66 (2006.01) C07D 401/04 (2006.01) C07D 401/06 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 405/14 (2006.01) C07D 407/12 (2006.01) C07D 409/04 (2006.01) C07D 409/12 (2006.01) C07D 409/14 (2006.01) C07D 417/14 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **COMPOUNDS FOR TREATING VIRAL INFECTIONS**
[54] **COMPOSES POUR TRAITER DES INFECTIONS VIRALES**
[72] WINDISCH, MARC P., DE
[72] KIM, HEE-YOUNG, KR
[72] YANG, JAEWON, KR
[72] HWANG, JONG YEON, KR
[72] JO, SUYEON, KR
[72] KWON, JEONGJIN, KR
[72] PARK, DONGSIK, KR
[72] CHOI, JIHYUN, KR
[72] LEE, JAEHEON, KR
[71] INSTITUT PASTEUR KOREA, KR
[85] 2016-10-17
[86] 2015-04-17 (PCT/EP2015/058421)
[87] (WO2015/158908)
[30] US (61/980,940) 2014-04-17

[21] **2,946,067**
[13] A1
[51] **Int.Cl. H04L 12/58 (2006.01) H04L 12/951 (2013.01)**
[25] EN
[54] **INSTANT MESSAGING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE MESSAGERIE INSTANTANEE**
[72] JONES, AMANDA MARIE, US
[72] PEARD, PAUL HENRY ARTHUR, GB
[71] BARCLAYS BANK PLC, GB
[85] 2016-10-17
[86] 2015-04-17 (PCT/EP2015/058453)
[87] (WO2015/162072)
[30] US (61/983,604) 2014-04-24

[21] **2,946,069**
[13] A1
[51] **Int.Cl. G10L 15/22 (2006.01) G10L 15/187 (2013.01) B25J 9/16 (2006.01) B25J 11/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS OF HANDLING A DIALOG WITH A ROBOT**
[54] **PROCEDES ET SYSTEMES DE TRAITEMENT D'UN DIALOGUE AVEC UN ROBOT**
[72] MAISONNIER, BRUNO, FR
[72] HOUSSIN, DAVID, FR
[72] PATAILLOT, REMY, FR
[72] BARBIERI, GABRIELE, FR
[71] SOFTBANK ROBOTICS EUROPE, FR
[85] 2016-10-17
[86] 2015-04-17 (PCT/EP2015/058356)
[87] (WO2015/158878)
[30] EP (14305579.6) 2014-04-17

[21] **2,946,072**
[13] A1
[51] **Int.Cl. B66B 5/00 (2006.01) B66B 7/02 (2006.01) B66B 7/12 (2006.01)**
[25] EN
[54] **RAIL SECURING DEVICES FOR AN ELEVATOR INSTALLATION**
[54] **MOYENS DE FIXATION DE RAIL D'UNE INSTALLATION D'ASCENSEUR**
[72] YOSHIYUKI HOSODA, ALBERTO, BR
[71] INVENTIO AG, CH
[85] 2016-10-17
[86] 2015-04-23 (PCT/EP2015/058858)
[87] (WO2015/165806)
[30] EP (14166777.4) 2014-05-01

[21] **2,946,079**
[13] A1
[51] **Int.Cl. A21D 2/26 (2006.01) A21D 10/00 (2006.01)**
[25] EN
[54] **GLUTEN-FREE BREAD**
[54] **PAIN SANS GLUTEN**
[72] RADE-KUKIC, KORALJKA, CH
[72] KING, LUIS ROBERTO, CH
[72] GLORIA-HERNANDEZ, HUGO, CH
[71] NESTEC S.A., CH
[85] 2016-10-17
[86] 2015-05-08 (PCT/EP2015/060222)
[87] (WO2015/173148)
[30] EP (14168210.4) 2014-05-14

[21] **2,946,083**
[13] A1
[51] **Int.Cl. H04L 12/24 (2006.01) H04W 8/22 (2009.01) B66B 1/34 (2006.01)**
[25] EN
[54] **CONFIGURING TERMINAL DEVICES**
[54] **CONFIGURATION D'EQUIPEMENTS TERMINAUX**
[72] FRIEDLI, PAUL, CH
[71] INVENTIO AG, CH
[85] 2016-10-17
[86] 2015-05-13 (PCT/EP2015/060586)
[87] (WO2015/177020)
[30] EP (14169658.3) 2014-05-23

---

[21] **2,946,095**
[13] A1
[51] **Int.Cl. A61K 36/899 (2006.01) A61K 36/185 (2006.01) A61P 1/00 (2006.01) A61P 17/00 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **PREPARATION MADE FROM OATMEAL AND METHOD FOR ITS USE**
[54] **PREPARATION COMPOSEE DE FARINE D'AVOINE ET PROCEDE D'UTILISATION DE CELLE-CI**
[72] CHOI, DANETTE VANESSA, US
[71] CARICOL - DIGESTIVE & IMMUNE HEALTH GMBH, AT
[85] 2016-10-17
[86] 2015-04-17 (PCT/IB2015/001205)
[87] (WO2015/159157)
[30] EP (14165297.4) 2014-04-18
[30] EP (14184897.8) 2014-09-16

---

[21] **2,946,100**
[13] A1
[51] **Int.Cl. E04F 11/00 (2006.01)**
[25] FR
[54] **DEVICE FOR HELPING A VEHICLE TO NEGOTIATE AN OBSTACLE**
[54] **DISPOSITIF D'ASSISTANCE AU FRANCHISSEMENT D'UN OBSTACLE PAR UN VEHICULE**
[72] BELMAN, PIERRE, FR
[72] ENGLER, FREDERIC, FR
[71] MYD"L", FR
[85] 2016-10-17
[86] 2015-04-22 (PCT/FR2015/051083)
[87] (WO2015/162378)
[30] FR (1453600) 2014-04-22

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[21] **2,946,138**
[13] A1
[51] **Int.Cl. C07D 409/04 (2006.01) A01N 43/58 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **PYRIDAZINONE HERBICIDES**
[54] **HERBICIDES A BASE DE PYRIDAZINONE**
[72] SELBY, THOMAS PAUL, US
[72] DEPREZ, NICHOLAS RYAN, US
[72] STEVENSON, THOMAS MARTIN, US
[72] DEBERGH, JOHN ROBBINS, US
[72] TAGGI, ANDREW EDMUND, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2016-10-17
[86] 2015-04-27 (PCT/US2015/027776)
[87] (WO2015/168010)
[30] US (61/985,895) 2014-04-29
[30] US (62/004,006) 2014-05-28
[30] US (62/071,949) 2014-11-17

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[21] **2,946,191**
[13] A1
[51] **Int.Cl. F16D 3/26 (2006.01) E21B 17/02 (2006.01) F16D 3/04 (2006.01)**
[25] EN
[54] **MUD MOTOR TRANSMISSION**
[54] **TRANSMISSION DE MOTEUR A BOUE**
[72] KUHN, JAMES F., US
[72] PTAK, KEITH R., US
[71] LORD CORPORATION, US
[85] 2016-10-17
[86] 2014-11-05 (PCT/US2014/064080)
[87] (WO2015/171176)
[30] US (61/988,688) 2014-05-05

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[21] **2,946,194**
[13] A1
[51] **Int.Cl. H04B 10/2575 (2013.01) H04B 10/27 (2013.01) H04B 10/29 (2013.01) H04B 10/516 (2013.01) H04B 10/564 (2013.01) H04J 14/02 (2006.01) H04N 7/22 (2006.01)**
[25] EN
[54] **ACTIVE OPTICAL COMBINER FOR CATV NETWORK**
[54] **COMBINEUR OPTIQUE ACTIF POUR RESEAU DE TELEVISION PAR CABLE**
[72] SCHEMMANN, MARCEL F., NL
[72] MUTALIK, VENKATESH G., US
[72] SUN, ZHIJIAN, US
[71] ARRIS ENTERPRISES LLC, US
[85] 2016-10-17
[86] 2015-04-02 (PCT/US2015/024110)
[87] (WO2015/164045)
[30] US (61/982,089) 2014-04-21
[30] US (61/984,303) 2014-04-25
[30] US (62/043,793) 2014-08-29
[30] US (62/052,213) 2014-09-18
[30] US (14/625,187) 2015-02-18

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[21] **2,946,207**
[13] A1
[51] **Int.Cl. A23P 20/25 (2016.01) A21D 6/00 (2006.01) A21D 8/00 (2006.01) A21D 8/06 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF A SHELF-STABLE FILLED SPONGE-TYPE BAKERY PRODUCT**
[54] **PROCEDE DE PRODUCTION D'UN PRODUIT DE BOULANGERIE DE TYPE LEVAIN A LONGUE CONSERVATION**
[72] BUTTINI, ROBERTO, IT
[72] FERRARI, CORRADO, IT
[72] D'URSO, ALESSIO, IT
[71] BARILLA G. E R. FRATELLI S.P.A., IT
[85] 2016-10-18
[86] 2015-03-30 (PCT/EP2015/056842)
[87] (WO2015/172935)
[30] EP (14425058.6) 2014-05-15

[21] **2,946,208**
[13] A1
[51] **Int.Cl. B68B 1/06 (2006.01)**
[25] EN
[54] **HORSE'S SNAFFLE BIT WITH TWO SIDE RINGS AND A SHACKLE**
[54] **MORS DE FILET DE CHEVAL DOTE DE DEUX ANNEAUX LATERAUX ET D'UNE MANILLE**
[72] VOLLMECKE, VALENTIN, DE
[72] BAUMANN, HEINZ, DE
[71] HERM. SPRENGER GMBH & CO. KG, DE
[85] 2016-10-18
[86] 2015-04-01 (PCT/EP2015/057202)
[87] (WO2015/165686)
[30] DE (10 2014 208 262.5) 2014-04-30
[30] DE (10 2014 209 361.9) 2014-05-16

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[21] **2,946,214**
[13] A1
[51] **Int.Cl. C12N 9/28 (2006.01) A23K 20/189 (2016.01) A23L 33/17 (2016.01) C11D 3/386 (2006.01) C11D 7/42 (2006.01) C12N 9/26 (2006.01) C12N 15/56 (2006.01) D06M 16/00 (2006.01) D21H 21/14 (2006.01) C12P 19/14 (2006.01)**
[25] EN
[54] **AMYLASE VARIANTS**
[54] **VARIANTES D'AMYLASE**
[72] JENEWEIN, STEFAN, DE
[72] NIEDERMAIER, STEFAN, DE
[71] BASF SE, DE
[85] 2016-10-18
[86] 2015-04-15 (PCT/EP2015/058126)
[87] (WO2015/162038)
[30] EP (14166092.8) 2014-04-25

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[21] **2,946,215**
[13] A1
[51] **Int.Cl. A61K 8/04 (2006.01) A61K 8/02 (2006.01) A61K 8/89 (2006.01) A61K 8/898 (2006.01)**
[25] EN
[54] **CONSUMER PRODUCTS**
[54] **PRODUITS DE CONSOMMATION**
[72] LYNCH, MATTHEW LAWRENCE, US
[72] GLENN, ROBERT WAYNE, JR., US
[72] WILLMAN, JOANNE ROBERTA, US
[72] KUTAY, BENJAMIN JOHN, US
[72] SAWIN, PHILIP ANDREW, US
[72] HAMERSKY, MARK WILLIAM, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-10-17
[86] 2015-05-05 (PCT/US2015/029124)
[87] (WO2015/171531)
[30] US (61/988,430) 2014-05-05

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[21] **2,946,219**
[13] A1
[51] **Int.Cl. F03D 7/02 (2006.01) F03D 1/00 (2006.01)**
[25] EN
[54] **YAW ADJUSTMENT OF A WIND TURBINE**
[54] **REGLAGE DE L'AZIMUT D'UNE EOLIENNE**
[72] KNOOP, FRANK, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2016-10-18
[86] 2015-04-23 (PCT/EP2015/058756)
[87] (WO2015/169605)
[30] DE (10 2014 208 468.7) 2014-05-06

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[21] **2,946,222**
[13] A1
[51] **Int.Cl. C12N 5/10 (2006.01) C12N 5/0783 (2010.01) C12N 15/00 (2006.01)**
[25] EN
[54] **METHOD FOR AUTOMATED GENERATION OF GENETICALLY MODIFIED T CELLS**
[54] **PROCEDE DE PRODUCTION AUTOMATISEE DE CELLULES T GENETIQUEMENT MODIFIEES**
[72] KAISER, ANDREW, DE
[72] ASSENMACHER, MARIO, DE
[72] JOHNSTON, IAN, DE
[71] MILTENYI BIOTEC GMBH, DE
[85] 2016-10-18
[86] 2015-04-23 (PCT/EP2015/058817)
[87] (WO2015/162211)
[30] US (61/983,543) 2014-04-24

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[21] **2,946,228**
[13] A1
[51] **Int.Cl. A21D 8/00 (2006.01) A21D 15/00 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF A READY TO EAT SHELF-STABLE PACKAGED FOCACCIA**
[54] **PROCEDE DE PRODUCTION D'UNE FOCACCIA EMBALLEE STABLE EN CONSERVATION PRETE A CONSOMMER**
[72] FERRARI, CORRADO, IT
[72] GALLINA, CRISTINA, IT
[72] RUGGERI, ALESSANDRO, IT
[71] BARILLA G. E R. FRATELLI S.P.A., IT
[85] 2016-10-18
[86] 2015-04-29 (PCT/EP2015/059416)
[87] (WO2015/169674)
[30] EP (14425055.2) 2014-05-08

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[21] **2,946,233**
[13] A1
[51] **Int.Cl. B64G 1/10 (2006.01) B64G 1/00 (2006.01) B64G 1/24 (2006.01)**
[25] FR
[54] **METHOD FOR DEPLOYING A SATELLITE CONSTELLATION**
[54] **PROCEDE DE DEPLOIEMENT D'UNE CONSTELLATION DE SATELLITES**
[72] MARCHANDISE, FREDERIC, FR
[72] SIMONTACCHI, PAMELA, FR
[72] MATHIEU, PERRINE, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2016-10-18
[86] 2015-04-21 (PCT/FR2015/051074)
[87] (WO2015/162370)
[30] FR (1453690) 2014-04-24

[21] **2,946,234**
[13] A1
[51] **Int.Cl. A61F 2/44 (2006.01)**
[25] EN
[54] **VERTEBRAL IMPLANT, DEVICE FOR VERTEBRAL ATTACHMENT OF THE IMPLANT AND INSTRUMENTATION FOR IMPLANTATION THEREOF**
[54] **IMPLANT VERTEBRAL, DISPOSITIF DE FIXATION VERTEBRALE DE L'IMPLANT ET INSTRUMENTS D'IMPLANTATION DE CELUI-CI**
[72] AMEIL, MARC, FR
[72] LEE, DANIEL D., US
[72] CHO, PAUL HENRY, US
[71] LDR MEDICAL, FR
[85] 2016-10-18
[86] 2015-05-06 (PCT/EP2015/060001)
[87] (WO2015/169878)
[30] FR (1454102) 2014-05-06
[30] US (14/638,746) 2015-03-04

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[21] **2,946,236**
[13] A1
[51] **Int.Cl. A01D 75/20 (2006.01)**
[25] FR
[54] **AGRICULTURAL MACHINE COMPRISING AN IMPROVED DEVICE FOR CONTROLLING A SHIELD**
[54] **MACHINE AGRICOLE COMPORTANT UN DISPOSITIF PERFECTIONNE DE COMMANDE D'UN PROTECTEUR**
[72] HALTER, CEDRIC, FR
[71] KUHN SA (SOCIETE ANONYME), FR
[85] 2016-10-18
[86] 2015-05-04 (PCT/FR2015/051182)
[87] (WO2015/170045)
[30] FR (1454086) 2014-05-06

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[21] **2,946,250**
[13] A1
[51] **Int.Cl. F16C 29/00 (2006.01) F16C 29/02 (2006.01)**
[25] EN
[54] **LINEAR BEARING**
[54] **PALIER LINEAIRE**
[72] REVELES, JUAN, GB
[72] FRAUX, VINCENT, GB
[71] OXFORD SPACE SYSTEMS LIMITED, GB
[85] 2016-10-18
[86] 2015-05-14 (PCT/GB2015/051424)
[87] (WO2015/173573)
[30] GB (1408622.7) 2014-05-15

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[21] **2,946,251**
[13] A1
[51] **Int.Cl. B65B 43/48 (2006.01) B65B 61/28 (2006.01) B65B 7/20 (2006.01) B65B 9/20 (2012.01) B65B 43/10 (2006.01) B65B 43/46 (2006.01) B65B 43/52 (2006.01) B65B 61/24 (2006.01)**
[25] EN
[54] **FEEDING UNIT FOR FEEDING SEALED PACKS OF POURABLE FOOD PRODUCTS**
[54] **UNITE D'ALIMENTATION POUR L'ALIMENTATION EN PAQUETS HERMETIQUES DE PRODUITS ALIMENTAIRES LIQUIDES**
[72] MATTIOLI, GIORGIO, IT
[72] PEDRETTI, RICHARD JOHN, IT
[72] NERI, DINO, IT
[72] PRADELLI, MASSIMO, IT
[71] TETRA LAVAL HOLDINGS & FINANCE S.A., CH
[85] 2016-10-18
[86] 2015-05-28 (PCT/EP2015/061783)
[87] (WO2015/189037)
[30] EP (14171685.2) 2014-06-10

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[21] **2,946,252**
[13] A1
[51] **Int.Cl. B65B 43/48 (2006.01) B65B 43/52 (2006.01) B65B 61/28 (2006.01) B65B 61/24 (2006.01) B65G 19/02 (2006.01)**
[25] EN
[54] **FEEDING UNIT FOR FEEDING SEALED PACKS OF POURABLE FOOD PRODUCTS**
[54] **UNITE D'ALIMENTATION PERMETTANT L'ALIMENTATION EN PAQUETS HERMETIQUES DE PRODUITS ALIMENTAIRES LIQUIDES**
[72] MATTIOLI, GIORGIO, IT
[72] PEDRETTI, RICHARD JOHN, IT
[72] NERI, DINO, IT
[71] TETRA LAVAL HOLDINGS & FINANCE S.A., CH
[85] 2016-10-18
[86] 2015-05-28 (PCT/EP2015/061784)
[87] (WO2015/189038)
[30] EP (14171689.4) 2014-06-10

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[21] **2,946,256**
[13] A1
[51] **Int.Cl. B65B 11/00 (2006.01) B65B 5/02 (2006.01) B65B 9/06 (2012.01) B65B 9/10 (2006.01) B65B 51/02 (2006.01) B65B 61/02 (2006.01) B65B 25/00 (2006.01)**
[25] EN
[54] **PACKAGING AND A METHOD OF MANUFACTURE THEREOF**
[54] **EMBALLAGE ET SON PROCEDE DE FABRICATION**
[72] KOWALEWSKI, ALAIN, US
[72] GALAVIS, DAVID EMIRO, US
[71] KRAFT FOODS R & D, INC., US
[85] 2016-10-18
[86] 2015-07-17 (PCT/IB2015/001313)
[87] (WO2016/027141)
[30] GB (1414735.9) 2014-08-19

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[21] **2,946,258**
[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/4985 (2006.01) A61K 31/519 (2006.01) A61P 25/00 (2006.01) A61P 35/00 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **FUSED TRIAZOLE DERIVATIVES AS PHOSPHODIESTERASE 10A INHIBITORS**
[54] **DERIVES FUSIONNES DE TRIAZOLE SERVANT D'INHIBITEURS DE LA PHOSPHODIESTERASE 10A**
[72] MOSZCZYNSKI-PETKOWSKI, RAFAL, PL
[72] BOJARSKI, LUKASZ, PL
[72] WIECZOREK, MACIEJ, PL
[72] MAJER, JAKUB, PL
[72] JANOWSKA, SYLWIA, PL
[72] MATLOKA, MIKOLAJ, PL
[72] BORKOWSKA, MALGORZATA, PL
[72] STEFANIAK, FILIP, PL
[72] LAMPARSKA-PRZYBYSZ, MONIKA, PL
[72] DUBIEL, KRZYSZTOF, PL
[71] CELON PHARMA S.A., PL
[85] 2016-10-18
[86] 2015-05-14 (PCT/IB2015/053549)
[87] (WO2015/177688)
[30] PL (P.408251) 2014-05-19

[21] **2,946,290**
[13] A1
[51] **Int.Cl. H04B 10/58 (2013.01) H04B 10/075 (2013.01) H04B 10/2575 (2013.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CLIP PREVENTION IN A CATV NETWORK**
[54] **SYSTEMES ET PROCEDES DE PREVENTION DE L'ECRETAGE DANS UN RESEAU DE TELEVISION PAR CABLE**
[72] SCHEMMANN, MARCEL F., NL
[72] MUTALIK, VENKATESH G., US
[71] ARRIS ENTERPRISES LLC, US
[85] 2016-10-18
[86] 2015-04-02 (PCT/US2015/023979)
[87] (WO2015/164035)
[30] US (61/982,089) 2014-04-21
[30] US (61/984,303) 2014-04-25
[30] US (62/043,793) 2014-08-29
[30] US (62/052,213) 2014-09-18
[30] US (14/625,601) 2015-02-18

[21] **2,946,291**
[13] A1
[51] **Int.Cl. H04B 10/2575 (2013.01) H04B 10/075 (2013.01) H04N 7/10 (2006.01)**
[25] EN
[54] **SEAMLESS BANDWIDTH GROWTH WITH RFOG**
[54] **EXTENSION DE LARGEUR DE BANDE TRANSPARENTE AVEC RFOG**
[72] MARICEVIC, ZORAN, US
[72] SCHEMMANN, MARCEL F., NL
[72] ULM, JOHN, US
[71] ARRIS ENTERPRISES LLC, US
[85] 2016-10-18
[86] 2015-04-02 (PCT/US2015/024096)
[87] (WO2015/164042)
[30] US (61/982,089) 2014-04-21
[30] US (61/984,303) 2014-04-25
[30] US (62/043,793) 2014-08-29
[30] US (14/676,914) 2015-04-02

[21] **2,946,300**
[13] A1
[51] **Int.Cl. F16D 25/08 (2006.01) F16D 48/02 (2006.01)**
[25] EN
[54] **FLUID ACTUATED OVER-CENTER CLUTCH FOR A PTO**
[54] **EMBRAYAGE DE DECENTRAGE ACTIONNE PAR FLUIDE POUR PTO**
[72] JONES, DARREL A., US
[71] TWIN DISC, INC., US
[85] 2016-10-18
[86] 2015-04-23 (PCT/US2015/027359)
[87] (WO2015/164646)
[30] US (61/983,246) 2014-04-23

[21] **2,946,312**
[13] A1
[51] **Int.Cl. C12N 5/0783 (2010.01) C12N 5/078 (2010.01) A61K 35/17 (2015.01) A61P 35/00 (2006.01) C12N 1/34 (2006.01) C12N 5/10 (2006.01) C12Q 1/00 (2006.01)**
[25] EN
[54] **METHODS FOR ISOLATING, CULTURING, AND GENETICALLY ENGINEERING IMMUNE CELL POPULATIONS FOR ADOPTIVE THERAPY**
[54] **PROCEDES D'ISOLEMENT, DE CULTURE ET DE MANIPULATION GENETIQUE DE POPULATIONS DE CELLULES IMMUNITAIRES POUR UNE THERAPIE ADOPTIVE**
[72] RAMSBORG, CHRIS, US
[72] BONYHADI, MARK L., US
[72] CHAN, CALVIN, US
[72] BEAUCHESNE, PASCAL, US
[71] JUNO THERAPEUTICS, INC., US
[85] 2016-10-18
[86] 2015-04-23 (PCT/US2015/027401)
[87] (WO2015/164675)
[30] US (61/983,415) 2014-04-23

[21] **2,946,334**
[13] A1
[51] **Int.Cl. C12N 5/10 (2006.01) A23K 10/30 (2016.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/00 (2006.01) C12N 5/04 (2006.01) C12N 9/10 (2006.01) C12N 15/54 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **PLANTS HAVING INCREASED TOLERANCE TO HERBICIDES**
[54] **PLANTES PRESENTANT UNE TOLERANCE ACCRUE AUX HERBICIDES**
[72] TRESCH, STEFAN, DE
[72] SCHACHTSCHABEL, DOREEN, DE
[72] SISAY, MIHIRET TEKESTE, DE
[72] LERCHL, JENS, DE
[72] MAJOR, JULIA, DE
[72] VOGT, FLORIAN, DE
[72] CALO, FREDERICK, DE
[72] PAULIK, JILL MARIE, US
[71] BASF SE, DE
[85] 2016-10-19
[86] 2015-04-22 (PCT/EP2015/058633)
[87] (WO2015/162143)
[30] US (61/982,893) 2014-04-23
[30] US (61/982,895) 2014-04-23
[30] US (61/982,894) 2014-04-23
[30] US (61/982,897) 2014-04-23
[30] US (61/982,896) 2014-04-23
[30] US (61/982,903) 2014-04-23
[30] US (61/982,898) 2014-04-23
[30] US (61/982,899) 2014-04-23
[30] US (61/982,901) 2014-04-23
[30] US (61/982,904) 2014-04-23
[30] US (61/982,900) 2014-04-23

[21] **2,946,340**
[13] A1
[51] **Int.Cl. A61B 1/227 (2006.01) A61B 1/00 (2006.01) A61B 1/05 (2006.01) A61B 5/00 (2006.01)**
[25] EN
[54] **OTOSCOPE AND OTOSCOPIC METHOD BASED ON SPECTRAL ANALYSIS**
[54] **OTOSCOPE ET PROCEDE OTOSCOPIQUE BASE SUR L'ANALYSE SPECTRALE**
[72] LEPPLE-WIENHUES, ALBRECHT, FR
[71] HELEN OF TROY LIMITED, BB
[85] 2016-10-19
[86] 2015-05-05 (PCT/EP2015/000914)
[87] (WO2015/169435)
[30] EP (PCT/EP2014/001195) 2014-05-05

[21] **2,946,342**
[13] A1
[51] **Int.Cl. A61B 1/227 (2006.01) A61B 1/00 (2006.01) A61B 1/05 (2006.01) A61B 5/00 (2006.01)**
[25] EN
[54] **OTOSCOPE AND OTOSCOPIC METHOD BASED ON SPECTRAL ANALYSIS**
[54] **OTOSCOPE ET PROCEDE OTOSCOPIQUE BASE SUR UNE ANALYSE SPECTRALE**
[72] LEPPLE-WIENHUES, ALBRECHT, FR
[71] HELEN OF TROY LIMITED, BB
[85] 2016-10-19
[86] 2015-05-05 (PCT/EP2015/000915)
[87] (WO2015/169436)
[30] EP (PCT/EP2014/001195) 2014-05-05

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[21] **2,946,343**
[13] A1
[51] **Int.Cl. B60R 21/13 (2006.01)**
[25] EN
[54] **VEHICLE**
[54] **VEHICULE**
[72] SCHLANGEN, ADAM J., US
[72] MORISCH, BRADLEY R., US
[72] ELLEFSON, TRAVIS J., US
[72] MAKI, RICHARD R., US
[72] VILLAFAN ROJAS, CARLOS A., US
[72] RASKA, JASON K., US
[71] POLARIS INDUSTRIES INC., US
[85] 2016-10-18
[86] 2015-05-29 (PCT/US2015/033327)
[87] (WO2015/184354)
[30] US (14/292,310) 2014-05-30

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[21] **2,946,346**
[13] A1
[51] **Int.Cl. H01F 41/08 (2006.01) H01F 17/04 (2006.01) H01F 27/29 (2006.01) H01F 41/12 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCING AN INDUCTION COMPONENT, AND INDUCTION COMPONENT**
[54] **PROCEDE DE PRODUCTION D'UN ELEMENT A INDUCTION ET ELEMENT A INDUCTION**
[72] STARK, MARKUS, DE
[72] RICHTER, KLAUS, DE
[72] DEGEN, DORIAN, DE
[71] WURTH ELECTRONIK EISOS GMBH & CO. KG, DE
[85] 2016-10-19
[86] 2015-04-09 (PCT/EP2015/057721)
[87] (WO2015/162016)
[30] DE (10 2014 207 636.6) 2014-04-23

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[21] **2,946,349**
[13] A1
[51] **Int.Cl. C07K 14/47 (2006.01) C12N 5/0783 (2010.01) C07K 7/06 (2006.01) C07K 7/08 (2006.01) C07K 14/705 (2006.01) C07K 14/725 (2006.01) C07K 19/00 (2006.01) C12N 5/10 (2006.01) C12N 9/00 (2006.01) C12N 15/12 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **NOVEL IMMUNOTHERAPY AGAINST SEVERAL TUMORS OF THE BLOOD, SUCH AS ACUTE MYELOID LEUKEMIA (AML)**
[54] **NOUVELLE IMMUNOTHERAPIE CONTRE PLUSIEURS TUMEURS, DU SANG, NOTAMMENT LA LEUCEMIE AIGUE MYELOIDE (LAM)**
[72] STICKEL, JULIANE, DE
[72] KOWALEWSKI, DANIEL, DE
[72] BERLIN, CLAUDIA, DE
[72] RAMMENSEE, HANS-GEORG, DE
[72] STEVANOVIC, STEFAN, DE
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
[85] 2016-10-19
[86] 2015-05-08 (PCT/EP2015/060168)
[87] (WO2015/169945)
[30] US (61/990,980) 2014-05-09
[30] GB (1408255.6) 2014-05-09

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[21] **2,946,350**
[13] A1
[51] **Int.Cl. A61M 5/315 (2006.01)**
[25] EN
[54] **ROTATABLE END OF DOSE FEEDBACK MECHANISM**
[54] **EXTREMITE ROTATIVE DE MECANISME DE RETROACTION DE DOSE**
[72] MOLLER, CLAUS SCHMIDT, US
[71] ELI LILLY AND COMPANY, US
[85] 2016-10-18
[86] 2015-06-04 (PCT/US2015/034128)
[87] (WO2015/187913)
[30] US (62/008,559) 2014-06-06

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[21] **2,946,351**
[13] A1
[51] **Int.Cl. A23G 9/28 (2006.01) A23G 9/08 (2006.01) A23G 9/12 (2006.01) A23G 9/22 (2006.01) B01F 7/08 (2006.01)**
[25] EN
[54] **HELICAL MOVEMENT DEVICE**
[54] **DISPOSITIF GENERATEUR DE MOUVEMENT HELICOIDAL**
[72] BARNIOL GUTIERREZ, ALINA MARIA, FR
[72] BACCUS, DOMINIQUE, FR
[72] ESPERSEN, LARS LYKKE, FR
[72] KOWALSKI, THIERRY, FR
[72] KOPEREK, RAFAL, FR
[72] GOURMAUD, ADRIEN, FR
[71] NESTEC S.A., CH
[85] 2016-10-19
[86] 2015-05-13 (PCT/EP2015/060538)
[87] (WO2015/177008)
[30] EP (14169522.1) 2014-05-22

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[21] **2,946,354**
[13] A1
[51] **Int.Cl. A61C 13/08 (2006.01) A61C 13/00 (2006.01)**
[25] EN
[54] **DEVICE FOR PRODUCING DENTAL CERAMIC**
[54] **DISPOSITIF DE PRODUCTION D'UNE CERAMIQUE DENTAIRE**
[72] BURKE, HARALD, AT
[72] SPIEGEL, MICHAEL, DE
[72] VOIGT, OILIVER, CH
[71] IVOCLAR VIVADENT AG, LI
[85] 2016-10-19
[86] 2015-05-22 (PCT/EP2015/061446)
[87] (WO2015/185381)
[30] EP (14171444.4) 2014-06-06

[21] **2,946,356**
[13] A1
[51] **Int.Cl. A61F 2/16 (2006.01) A61B 3/00 (2006.01) A61B 3/10 (2006.01) A61F 9/00 (2006.01)**
[25] EN
[54] **OPHTHALMIC DEVICES, SYSTEM AND METHODS THAT IMPROVE PERIPHERAL VISION**
[54] **DISPOSITIFS OPHTALMIQUES, SYSTEME ET PROCEDES QUI AMELIORENT LA VISION PERIPHERIQUE**
[72] ROSEN, ROBERT, NL
[72] WEEBER, HENDRIK A., NL
[72] CANOVAS VIDAL, CARMEN, NL
[72] VAN DER MOOREN, MARRIE H., NL
[72] STATE, MIHAI, NL
[72] PIERS, PATRICIA ANN, NL
[72] ALARCON HEREDIA, AIXA, NL
[71] AMO GRONINGEN B.V., NL
[85] 2016-10-19
[86] 2015-04-21 (PCT/IB2015/001588)
[87] (WO2015/177651)
[30] US (61/982,135) 2014-04-21
[30] US (62/038,667) 2014-08-18

[21] **2,946,357**
[13] A1
[51] **Int.Cl. E02D 7/02 (2006.01) E02D 11/00 (2006.01) E02D 27/00 (2006.01)**
[25] FR
[54] **FASTENER FOR CONSTRUCTION ELEMENT**
[54] **FIXATION POUR ELEMENT DE CONSTRUCTION**
[72] SERVAIS, PIERRE, BE
[72] SERVAIS, BERNARD, BE
[71] RBS SPRL, BE
[85] 2016-10-19
[86] 2015-05-28 (PCT/EP2015/061846)
[87] (WO2015/197302)
[30] BE (BE2014/0495) 2014-06-26

[21] **2,946,362**
[13] A1
[51] **Int.Cl. G01N 33/48 (2006.01) A61K 31/4439 (2006.01) A61P 35/00 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **CANCER TREATMENT**
[54] **TRAITEMENT ANTICANCEREUX**
[72] MARTINI, JEAN-FRANCOIS ANDRE, US
[72] TARAZI, JAMAL CHRISTO, US
[72] WILLIAMS, JAMES ANDREW, US
[71] PFIZER INC., US
[85] 2016-10-19
[86] 2015-04-16 (PCT/IB2015/052796)
[87] (WO2015/162532)
[30] US (61/983,951) 2014-04-24

[21] **2,946,363**
[13] A1
[51] **Int.Cl. A23K 10/22 (2016.01) A23K 20/142 (2016.01) A23K 30/00 (2016.01) A23K 40/10 (2016.01) A23L 17/10 (2016.01) A23J 1/04 (2006.01) A23J 3/04 (2006.01)**
[25] EN
[54] **METHOD FOR IMPROVING DRYING OF A CONCENTRATED ACID SALMON SILAGE, DURING PREPARATION OF A PROTEIN SUPPLEMENT FOR ANIMAL FEED, PROTEIN SUPPLEMENT OBTAINED AND SYSTEM TO IMPROVE DRYING**
[54] **PROCEDE POUR AMELIORER LE SECHAGE D'UN ENSILAGE DE SAUMON ACIDE CONCENTRE PENDANT LA PREPARATION D'UN COMPLEMENT PROTEIQUE POUR L'ALIMENTATION ANIMALE, COMPLEMENT PROTEIQUE OBTENUET SYSTEME POUR AMELIORER LE SECHAGE**
[72] BENAVENTE VEGA, LUIS ALBERTO, CL
[71] PESQUERA PACIFIC STAR S.A., CL
[85] 2016-10-19
[86] 2014-12-17 (PCT/IB2014/067026)
[87] (WO2015/162467)
[30] CL (1051-2014) 2014-04-24

[21] **2,946,365**
[13] A1
[51] **Int.Cl. A01J 5/017 (2006.01) A01J 5/00 (2006.01)**
[25] EN
[54] **DOUBLE GRAB FOR APPLYING TEAT CUPS FOR AN ANIMAL TO BE MILKED, A RINSING CUP FOR THEM AND A MILKING MACHINE PROVIDED WITH IT, AND METHOD FOR MILKING**
[54] **DISPOSITIF DE PREHENSION DOUBLE POUR L'APPLICATION DE GOBELETS-TRAYEURS A UN ANIMAL A TRAIRE, GOBELET DE RINCAGE POUR CELUI-CI ET MACHINE A TRAIRE EQUIPEE DE CEUX-CI, ET PROCEDE DE TRAITE**
[72] HOFMAN, HENDRICK, NL
[72] VAN DER SLUIS, PETER, NL
[71] TECHNOLOGIES HOLDINGS CORP., US
[85] 2016-10-19
[86] 2015-05-04 (PCT/IB2015/053243)
[87] (WO2016/079601)
[30] NL (2012747) 2014-05-02

[21] **2,946,382**
[13] A1
[51] **Int.Cl. E01C 11/14 (2006.01) E01C 5/00 (2006.01) E04C 5/18 (2006.01) E04B 1/41 (2006.01) F16B 5/00 (2006.01)**
[25] EN
[54] **TELESCOPIC BARS FOR LOAD TRANSMISSION**
[54] **BARRES TELESCOPIQUES DESTINEES A LA TRANSMISSION DE CHARGE**
[72] LOURENCO SERRO, MANUEL FILIPE, PT
[71] MOREIRA SERRO, AFONSO, PT
[85] 2016-10-19
[86] 2015-05-26 (PCT/PT2015/000025)
[87] (WO2015/183112)
[30] PT (107664) 2014-05-28

[21] **2,946,385**
[13] A1
[51] **Int.Cl. C12Q 1/02 (2006.01) C12Q 1/68 (2006.01) C40B 30/06 (2006.01) G01N 33/483 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **DIAGNOSTIC METHODS FOR NEURONAL DISORDERS**
[54] **PROCEDES DE DIAGNOSTIC DE TROUBLES NEURONAUX**
[72] EGGAN, KEVIN C., US
[72] COHEN, ADAM, US
[72] KRALJ, JOEL, US
[72] KISKINIS, EVANGELOS, US
[71] Q-STATE BIOSCIENCES, INC., US
[85] 2016-10-19
[86] 2015-04-21 (PCT/US2015/026863)
[87] (WO2015/164367)
[30] US (61/982,589) 2014-04-22

---

[21] **2,946,388**
[13] A1
[51] **Int.Cl. E04B 9/26 (2006.01) E04B 9/06 (2006.01)**
[25] EN
[54] **CEILING SYSTEM**
[54] **SYSTEME DE PLAFOND**
[72] HOLDRIDGE, DANIEL M., US
[71] ARMSTRONG WORLD INDUSTRIES, INC., US
[85] 2016-10-19
[86] 2015-04-23 (PCT/US2015/027269)
[87] (WO2015/167921)
[30] US (14/264,868) 2014-04-29

---

[21] **2,946,392**
[13] A1
[51] **Int.Cl. C12N 15/864 (2006.01) A61K 48/00 (2006.01) C07K 14/015 (2006.01) C07K 14/705 (2006.01) C12N 7/01 (2006.01) C12N 15/12 (2006.01) C12N 15/35 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **LDLR VARIANTS AND THEIR USE IN COMPOSITIONS FOR REDUCING CHOLESTEROL LEVELS**
[54] **VARIANTS DE LDLR ET LEUR UTILISATION DANS DES COMPOSITIONS PERMETTANT DE REDUIRE LES TAUX DE CHOLESTEROL**
[72] WILSON, JAMES M., US
[72] RADER, DANIEL J., US
[72] SOMANATHAN, SURYANRAYAN, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNYSYLVANIA, US
[85] 2016-10-19
[86] 2015-04-24 (PCT/US2015/027572)
[87] (WO2015/164778)
[30] US (61/984,620) 2014-04-25
[30] US (62/022,627) 2014-07-09

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[21] **2,946,395**
[13] A1
[51] **Int.Cl. H04B 10/80 (2013.01) H04B 10/2575 (2013.01) H04B 10/272 (2013.01) H04B 10/29 (2013.01) H04N 7/10 (2006.01)**
[25] EN
[54] **SYSTEM AND APPARATUS FOR OPTICAL MODULATION INDEX CALIBRATION IN A CATV NETWORK**
[54] **SYSTEME ET APPAREIL UTILISES POUR L'ETALONNAGE DE L'INDICE DE MODULATION OPTIQUE DANS UN RESEAU DE TELEVISION PAR CABLE CATV**
[72] SCHEMMANN, MARCEL F., NL
[72] MUTALIK, VENKATESH G., US
[71] ARRIS ENTERPRISES LLC, US
[85] 2016-10-19
[86] 2015-04-02 (PCT/US2015/023983)
[87] (WO2015/164036)
[30] US (61/982,089) 2014-04-21
[30] US (61/984,303) 2014-04-25
[30] US (62/043,793) 2014-08-29
[30] US (62/052,213) 2014-09-18
[30] US (14/625,608) 2015-02-18

---

[21] **2,946,397**
[13] A1
[51] **Int.Cl. H04B 10/80 (2013.01) H04B 10/2575 (2013.01) H04B 10/291 (2013.01) H04J 14/02 (2006.01)**
[25] EN
[54] **OPTICAL AND RF TECHNIQUES FOR AGGREGATION OF PHOTO DIODE ARRAYS**
[54] **TECHNIQUES OPTIQUES ET RF POUR AGREGATION DE MATRICES DE PHOTODIODES**
[72] SCHEMMANN, MARCEL F., US
[72] MUTALIK, VENKATESH G., US
[72] CHROSTOWSKI, JOHN, US
[72] VIEIRA, AMARILDO, US
[71] ARRIS ENTERPRISES LLC, US
[85] 2016-10-19
[86] 2015-04-06 (PCT/US2015/024475)
[87] (WO2015/164055)
[30] US (61/982,089) 2014-04-21
[30] US (62/043,779) 2014-08-29
[30] US (62/043,793) 2014-08-29
[30] US (14/679,235) 2015-04-06

---

[21] **2,946,400**
[13] A1
[51] **Int.Cl. A61M 39/16 (2006.01) A61M 39/20 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL CAPS FOR MEDICAL CONNECTORS**
[54] **CAPUCHONS ANTIMICROBIENS POUR RACCORDS MEDICAUX**
[72] BURKHOLZ, JONATHAN KARL, US
[72] LIU, HUIBIN, US
[72] ISAACSON, S. RAY, US
[72] HARDING, WESTON F., US
[72] TRAINER, LAWRENCE J., US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2016-10-19
[86] 2015-04-14 (PCT/US2015/025791)
[87] (WO2015/164129)
[30] US (14/260,027) 2014-04-23

[21] **2,946,401**
[13] A1
[51] **Int.Cl. A61M 39/22 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL STOPCOCK MEDICAL CONNECTOR**
[54] **RACCORD MEDICAL POUR ROBINET D'ARRET ANTIMICROBIEN**
[72] LIU, HUIBIN, US
[72] BIHLMAIER, BRYAN F., US
[72] LIN, JANICE, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2016-10-19
[86] 2015-04-14 (PCT/US2015/025792)
[87] (WO2015/164130)
[30] US (14/260,037) 2014-04-23

---

[21] **2,946,402**
[13] A1
[51] **Int.Cl. C07K 19/00 (2006.01) A61P 25/28 (2006.01) A61P 35/00 (2006.01) C07K 14/52 (2006.01) C07K 14/705 (2006.01) C12N 5/10 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **SINGLE-CHAIN TRAIL-RECEPTOR AGONIST PROTEINS**
[54] **PROTEINES AGONISTES DU RECEPTEUR TRAIL MONOCATENAIRES**
[72] HILL, OLIVER, DE
[72] GIEFFERS, CHRISTIAN, DE
[72] THIEMANN, MEINOLF, DE
[72] BUCHANAN, FRITZ G., US
[72] PHILLIPS, DARREN C., US
[72] LAPPE, SUSAN E., US
[71] ABBVIE INC., US
[71] APOGENIX AG, DE
[85] 2016-10-19
[86] 2015-04-23 (PCT/US2015/027270)
[87] (WO2015/164588)
[30] US (61/983,152) 2014-04-23

---

[21] **2,946,403**
[13] A1
[51] **Int.Cl. A61M 25/06 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING AN INTEGRATED PACKAGE AND GRIP FOR CATHETER**
[54] **SYSTEMES ET PROCEDES DE FOURNITURE D'EMBALLAGE INTEGRE ET DE POIGNEE POUR CATHETER**
[72] BORNHOFT, STEPHEN T., US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2016-10-19
[86] 2015-04-14 (PCT/US2015/025793)
[87] (WO2015/164131)
[30] US (14/260,049) 2014-04-23

---

[21] **2,946,405**
[13] A1
[51] **Int.Cl. A61L 29/16 (2006.01) A61L 29/06 (2006.01) A61L 29/14 (2006.01) A61L 29/18 (2006.01)**
[25] EN
[54] **CATHETER TUBING WITH EXTRALUMINAL ANTIMICROBIAL COATING**
[54] **TUBE DE CATHETER AYANT UN REVETEMENT EXTRALUMINAL ANTIMICROBIEN**
[72] SHEVGOOR, SIDDARTH K., US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2016-10-19
[86] 2015-04-14 (PCT/US2015/025795)
[87] (WO2015/164132)
[30] US (14/260,056) 2014-04-23

---

[21] **2,946,408**
[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01)**
[25] EN
[54] **COMPOUNDS AND COMPOSITIONS AS TOLL-LIKE RECEPTOR 7 AGONISTS**
[54] **COMPOSES ET COMPOSITIONS UTILISES EN TANT QU'AGONISTES DU RECEPTEUR DE TYPE TOLL-7**
[72] LI, YONGKAI, US
[72] MO, TINGTING, US
[72] VA, PORINO, US
[72] WU, TOM YAO-HSIANG, US
[72] ZHANG, XIAOYUE, US
[71] NOVARTIS AG, CH
[85] 2016-10-19
[86] 2015-04-29 (PCT/US2015/028264)
[87] (WO2015/168269)
[30] US (61/987,321) 2014-05-01

---

[21] **2,946,410**
[13] A1
[51] **Int.Cl. E04D 5/10 (2006.01) E04D 5/06 (2006.01)**
[25] EN
[54] **THERMOPLASTIC ROOFING MEMBRANES FOR FULLY-ADHERED ROOFING SYSTEMS**
[54] **MEMBRANES THERMOPLASTIQUES DE COUVERTURE POUR SYSTEMES DE COUVERTURE ENTIEREMENT COLLES**
[72] HUBBARD, MICHAEL J., US
[72] WANG, HAO, US
[72] WATKINS, CARL E., JR., US
[72] TIPPMANN, DONNA M., US
[72] HENEGAR, JEFFREY W., US
[71] FIRESTONE BUILDING PRODUCTS CO., LLC, US
[85] 2016-10-19
[86] 2015-04-27 (PCT/US2015/027698)
[87] (WO2015/164852)
[30] US (61/984,306) 2014-04-25

[21] **2,946,412**
[13] A1
[51] **Int.Cl. A01K 67/027 (2006.01) A61K 49/00 (2006.01) C07K 14/47 (2006.01) C12N 15/12 (2006.01) C12N 15/85 (2006.01) C12Q 1/00 (2006.01) C40B 30/06 (2006.01)**
[25] EN
[54] **HUMANIZED C5 AND C3 ANIMALS**
[54] **ANIMAUX PORTEURS DES SEQUENCES C5 ET C3 HUMANISEES**
[72] HU, YING, US
[72] LATUSZEK, ADRIANNA, US
[72] CAO, JINGTAI, US
[72] MUJICA, ALEXANDER, US
[72] WIEGAND, STANLEY, US
[72] MCWHIRTER, JOHN, US
[72] MURPHY, ANDREW, US
[72] MACDONALD, LYNN, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2016-10-19
[86] 2015-05-04 (PCT/US2015/029111)
[87] (WO2015/171523)
[30] US (61/988,581) 2014-05-05
[30] US (62/067,836) 2014-10-23

---

[21] **2,946,416**
[13] A1
[51] **Int.Cl. A61K 31/47 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METHOD OF TREATING LUNG ADENOCARCINOMA**
[54] **PROCEDE DE TRAITEMENT DE L'ADENOCARCINOME DU POUMON**
[72] AFTAB, DANA T., US
[72] YU, PEIWEN, US
[71] EXELIXIS, INC., US
[85] 2016-10-19
[86] 2015-04-27 (PCT/US2015/027800)
[87] (WO2015/164869)
[30] US (61/984,599) 2014-04-25

---

[21] **2,946,418**
[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY FOR TREATING CANCER WITH A RECOMBINANT POXVIRUS EXPRESSING A TUMOR ANTIGEN AND AN IMMUNE CHECKPOINT MOLECULE ANTAGONIST OR AGONIST**
[54] **POLYTHERAPIE DESTINEE A TRAITER LE CANCER AVEC UN POXVIRUS RECOMBINANT EXPRIMANT UN ANTIGENE TUMORAL ET UN ANTAGONISTE OU AGONISTE D'UNE MOLECULE INHIBITRICE DE POINTS DE CONTROLE IMMUNITAIRES**
[72] FOY, SUSAN, US
[72] MANDL, STEFANIE, US
[72] ROUNTREE, RYAN, US
[72] FRANZUSOFF, ALEX, US
[71] BAVARIAN NORDIC A/S, DK
[85] 2016-10-19
[86] 2015-05-08 (PCT/US2015/029855)
[87] (WO2015/175334)
[30] US (61/992,788) 2014-05-13

---

[21] **2,946,452**
[13] A1
[51] **Int.Cl. A22C 21/00 (2006.01) A22B 3/08 (2006.01)**
[25] EN
[54] **A METHOD AND AN APPARATUS FOR ARRANGING A BIRD IN A POSITION FOR BEING SUSPENDED FROM A SHACKLE**
[54] **PROCEDE ET APPAREIL DE DISPOSITION D'OISEAU DANS UNE POSITION AFIN D'ETRE SUSPENDU A UN ETRIER**
[72] OSTERGAARD, BENT, DK
[72] PETERSEN, LASSE MARKFOGED, DK
[71] LINCO FOOD SYSTEMS A/S, DK
[85] 2016-10-20
[86] 2015-04-27 (PCT/DK2015/050106)
[87] (WO2015/165470)
[30] DK (PA 2014 70266) 2014-04-30

---

[21] **2,946,454**
[13] A1
[51] **Int.Cl. A01C 7/20 (2006.01) A01C 5/06 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **A SOWING APPARATUS FOR SENSOR BASED DEPTH CONTROL OF SEEDING**
[54] **APPAREIL D'ENSEMENCEMENT PERMETTANT DE CONTROLER LA PROFONDEUR D'ENSEMENCEMENT A L'AIDE D'UN CAPTEUR**
[72] GREEN, OLE, DK
[72] MARTIKAINEN, ESKO, FI
[72] THOMASEN, SOREN, DK
[72] KIRKEGAARD NIELSEN, SOREN, DK
[71] AGRO INTELLIGENCE APS, DK
[85] 2016-10-20
[86] 2015-05-08 (PCT/DK2015/050119)
[87] (WO2015/169323)
[30] DK (PA 2014 00255) 2014-05-09

---

[21] **2,946,456**
[13] A1
[51] **Int.Cl. C02F 11/14 (2006.01) C02F 1/52 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR DEWATERING SLUDGE ON A WIRE**
[54] **METHODE ET DISPOSITIF DE DESHYDRATATION DE BOUE SUR UN FIL**
[72] HOCHEGGER, URSULA, AT
[72] SPIELMANN, CHRISTOPH, AT
[71] ANDRITZ AG, AT
[85] 2016-10-20
[86] 2015-04-13 (PCT/EP2015/057947)
[87] (WO2015/162024)
[30] AT (A 291/2014) 2014-04-23

[21] **2,946,459**
[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4745 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **IMIDAZO[4,5-C]QUINOLIN-2-ONE COMPOUNDS AND THEIR USE IN TREATING CANCER**
[54] **COMPOSES IMIDAZO[4,5C]QUINOLINE-2-ONE ET LEUR UTILISATION DANS LE TRAITEMENT DU CANCER**
[72] BARLAAM, BERNARD CHRISTOPHE, GB
[72] PIKE, KURT GORDON, GB
[71] ASTRAZENECA AB, SE
[85] 2016-10-20
[86] 2015-05-05 (PCT/GB2015/051312)
[87] (WO2015/170081)
[30] US (61/990,232) 2014-05-08

---

[21] **2,946,460**
[13] A1
[51] **Int.Cl. A61L 27/46 (2006.01) A61L 27/36 (2006.01)**
[25] FR
[54] **METHOD FOR PRODUCING A BONE PASTE**
[54] **PROCEDE DE FABRICATION DE PATE OSSEUSE**
[72] BARDONNET, RAPHAEL, FR
[72] BARBEITO, ANA, FR
[71] BIOBANK, FR
[85] 2016-10-20
[86] 2015-04-21 (PCT/FR2015/051076)
[87] (WO2015/162372)
[30] FR (14 53726) 2014-04-25

---

[21] **2,946,463**
[13] A1
[51] **Int.Cl. A61K 35/747 (2015.01) A61P 31/18 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **THERAPY FOR USE IN THE TREATMENT OF TUMORS, ACQUIRED IMMUNODEFICIENCY SYNDROME AND LEUKEMIAS BY DUAL IMMUNE BIOSTIMULATION**
[54] **THERAPIE A UTILISER DANS LE TRAITEMENT DE TUMEURS, DU SYNDROME D'IMMUNODEFICIENCE ACQUISE ET DE LEUCEMIES PAR UNE DOUBLE BIOSTIMULATION IMMUNITAIRE**
[72] MOGNA, GIOVANNI, IT
[71] MOGNA, GIOVANNI, IT
[85] 2016-10-20
[86] 2015-04-30 (PCT/IB2015/000602)
[87] (WO2015/170158)
[30] IT (MI2014A000816) 2014-05-05

---

[21] **2,946,464**
[13] A1
[51] **Int.Cl. A61K 35/747 (2015.01) A61P 31/04 (2006.01) A61P 31/12 (2006.01)**
[25] EN
[54] **ADJUNCTIVE THERAPY TO CHEMOTHERAPY TREATMENTS FOR TUMORS, ACQUIRED IMMUNODEFICIENCY SYNDROME AND LEUKEMIAS**
[54] **THERAPIE COMPLEMENTAIRE AUX TRAITEMENTS DE CHIMIOTHERAPIE DESTINEE AUX TUMEURS, AU SYNDROME D'IMMUNODEFICIENCE ACQUISE ET AUX LEUCEMIES**
[72] MOGNA, GIOVANNI, IT
[71] MOGNA, GIOVANNI, IT
[85] 2016-10-20
[86] 2015-04-30 (PCT/IB2015/000614)
[87] (WO2015/170159)
[30] IT (MI2014A000815) 2014-05-05

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[21] **2,946,466**
[13] A1
[51] **Int.Cl. F15B 3/00 (2006.01) F04B 9/04 (2006.01) F04B 9/107 (2006.01)**
[25] FR
[54] **END-OF-STROKE EXPANDER FOR PISTON-TYPE PRESSURE CONVERTER**
[54] **DETENDEUR DE FIN DE COURSE POUR CONVERTISSEUR DE PRESSION A PISTONS**
[72] RABHI, VIANNEY, FR
[71] RABHI, VIANNEY, FR
[85] 2016-10-20
[86] 2015-05-07 (PCT/FR2015/051209)
[87] (WO2015/173495)
[30] FR (1454223) 2014-05-12
[30] FR (1455710) 2014-06-20

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[21] **2,946,467**
[13] A1
[51] **Int.Cl. C08J 3/07 (2006.01) B01D 21/01 (2006.01) B09B 3/00 (2006.01) C02F 1/56 (2006.01) C02F 11/14 (2006.01) C08F 2/38 (2006.01)**
[25] EN
[54] **METHOD FOR TREATING SUSPENSIONS OF SOLID PARTICLES IN WATER USING COMB LIKE POLYMERS**
[54] **PROCEDE POUR TRAITER DES SUSPENSIONS DE PARTICULES SOLIDES DANS L'EAU A L'AIDE DE POLYMERES DU TYPE PEIGNE**
[72] FAVERO, CEDRICK, FR
[72] TIZZOTTI, MORGAN, FR
[71] S.P.C.M. SA, FR
[85] 2016-10-20
[86] 2015-04-24 (PCT/EP2015/058869)
[87] (WO2015/180900)
[30] EP (14305816.2) 2014-05-30

[21] **2,946,468**
[13] A1
[51] **Int.Cl. C12M 1/12 (2006.01) C12M 1/00 (2006.01) C12M 3/06 (2006.01) C12N 5/00 (2006.01) C12Q 1/00 (2006.01)**
[25] EN
[54] **A MICROFLUIDIC DEVICE THAT SEPARATES CELLS**
[54] **DISPOSITIF MICROFLUIDIQUE QUI SEPARE DES CELLULES**
[72] DI FABRIZIO, ENZO, SA
[72] PEROZZIELLO, GERARDO, IT
[72] PARDEO, FRANCESCA, IT
[72] CANDELORO, PATRIZIO, IT
[71] KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY, SA
[85] 2016-10-20
[86] 2015-05-01 (PCT/IB2015/001595)
[87] (WO2015/177654)
[30] US (61/987,459) 2014-05-01

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[21] **2,946,472**
[13] A1
[51] **Int.Cl. C12M 1/42 (2006.01) C12N 13/00 (2006.01) C12N 15/87 (2006.01) G01N 35/10 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR LARGE VOLUME TRANSFECTION**
[54] **DISPOSITIF ET PROCEDE POUR LA TRANSFECTION D'UN GRAND VOLUME**
[72] ALTROGGE, LUDGER, DE
[72] GLEISSNER, TIMO, DE
[72] HEINZE, ANDREAS, DE
[72] HERMSMEIER, SVEN, DE
[71] LONZA COLOGNE GMBH, DE
[85] 2016-10-20
[86] 2015-04-28 (PCT/EP2015/059150)
[87] (WO2015/165879)
[30] EP (14166918.4) 2014-05-02

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[21] **2,946,475**
[13] A1
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/501 (2006.01) A61K 31/513 (2006.01) A61P 25/00 (2006.01) C07D 401/12 (2006.01)**
[25] EN
[54] **HETEROAROMATIC COMPOUNDS AND THEIR USE AS DOPAMINE D1 LIGANDS**
[54] **COMPOSES HETEROAROMATIQUES ET LEUR UTILISATION COMME LIGANDS DE LA DOPAMINE D1**
[72] GRAY, DAVID LAWRENCE FIRMAN, US
[72] ZHANG, LEI, US
[72] BRODNEY, MICHAEL AARON, US
[72] GREEN, MICHAEL ERIC, US
[72] SUBRAMANYAM, CHAKRAPANI, US
[71] PFIZER INC., US
[85] 2016-10-20
[86] 2015-04-09 (PCT/IB2015/052604)
[87] (WO2015/162516)
[30] US (61/984,079) 2014-04-25

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[21] **2,946,478**
[13] A1
[51] **Int.Cl. C02F 9/04 (2006.01) C01F 7/02 (2006.01) C01F 11/46 (2006.01) C02F 1/52 (2006.01) C02F 1/66 (2006.01) C02F 1/58 (2006.01)**
[25] EN
[54] **PROCESS FOR THE TREATMENT OF HIGH SULPHATE WATERS**
[54] **PROCEDE DE TRAITEMENT D'EAUX A TENEUR ELEVEE EN SULFATE**
[72] PAXTON, RICHARD GEORGE, GB
[71] PAXTON, RICHARD GEORGE, GB
[85] 2016-10-20
[86] 2015-04-20 (PCT/IB2015/052870)
[87] (WO2015/162540)
[30] GB (1407101.3) 2014-04-22

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[21] **2,946,480**
[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **AN AEROSOL-GENERATING SYSTEM COMPRISING A FLUID PERMEABLE SUSCEPTOR ELEMENT**
[54] **SYSTEME DE GENERATION D'AEROSOL COMPRENANT UN ELEMENT SUSCEPTEUR PERMEABLE AUX FLUIDES**
[72] MIRONOV, OLEG, CH
[72] THORENS, MICHEL, CH
[72] ZINOVIK, IHAR NIKOLAEVICH, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2016-10-20
[86] 2015-05-14 (PCT/EP2015/060730)
[87] (WO2015/177045)
[30] EP (14169249.1) 2014-05-21

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[21] **2,946,481**
[13] A1
[51] **Int.Cl. F01L 9/02 (2006.01) F01B 17/00 (2006.01) F01L 3/00 (2006.01)**
[25] FR
[54] **COMPRESSED-AIR ENGINE WITH AN INTEGRATED ACTIVE CHAMBER AND WITH ACTIVE INTAKE DISTRIBUTION**
[54] **MOTEUR A AIR COMPRIME A CHAMBRE ACTIVE INCLUSE ET A DISTRIBUTION ACTIVE A L'ADMISSION**
[72] NEGRE, GUY, LU
[72] NEGRE, CYRIL, FR
[71] MOTOR DEVELOPMENT INTERNATIONAL S.A., LU
[85] 2016-10-20
[86] 2015-05-18 (PCT/EP2015/060855)
[87] (WO2015/177076)
[30] FR (1454603) 2014-05-22

[21] **2,946,488**
[13] A1
[51] **Int.Cl. C07K 16/00 (2006.01) A61P 35/00 (2006.01) C07K 1/113 (2006.01) C07K 1/13 (2006.01) C07K 16/18 (2006.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **ANTIBODY-DRUG CONJUGATES WITH HIGH DRUG LOADING**
[54] **CONJUGUES ANTICORPS-MEDICAMENT A CHARGE DE MEDICAMENT ELEVEE**
[72] STROP, PAVEL, US
[72] DELARIA, KATHERINE ANNE, US
[72] DORYWALSKA, MAGDALENA, US
[72] FOLETTI, DAVIDE LUCIANO, US
[72] DUSHIN, RUSSELL GEORGE, US
[72] SHELTON, DAVID LOUIS, US
[72] RAJPAL, ARVIND, US
[71] RINAT NEUROSCIENCE CORP., US
[71] PFIZER INC., US
[85] 2016-10-20
[86] 2015-04-21 (PCT/IB2015/052918)
[87] (WO2015/162563)
[30] US (61/984,645) 2014-04-25
[30] US (62/028,731) 2014-07-24
[30] US (62/103,999) 2015-01-15
[30] US (62/147,293) 2015-04-14

[21] **2,946,489**
[13] A1
[51] **Int.Cl. A23G 3/50 (2006.01) A23G 1/20 (2006.01) A23G 1/50 (2006.01) A23G 3/12 (2006.01)**
[25] EN
[54] **CONFECTIONERY PRODUCT**
[54] **PRODUIT DE CONFISERIE**
[72] GUSTAV, THORSTEN, GB
[72] CARVAJAL, RICARDO, GB
[72] BUFTON, ANDREW CHRISTOPHER, GB
[72] KONTOZOGLOU, CHRYSANTHI, GB
[72] CORAGLIA, DIEGO, GB
[71] KRAFT FOODS R&D, INC., US
[85] 2016-10-20
[86] 2015-04-27 (PCT/IB2015/053055)
[87] (WO2015/166400)
[30] GB (1407778.8) 2014-05-02

[21] **2,946,492**
[13] A1
[51] **Int.Cl. A23P 20/20 (2016.01) A23P 30/10 (2016.01) A23G 1/20 (2006.01) A23G 1/21 (2006.01) A23G 1/54 (2006.01)**
[25] EN
[54] **AN EDIBLE PRODUCT**
[54] **PRODUIT COMESTIBLE**
[72] GUSTAV, THORSTEN, US
[72] SCHULZ, MICHAEL, US
[71] KRAFT FOODS R&D, INC., US
[85] 2016-10-20
[86] 2015-04-30 (PCT/IB2015/053159)
[87] (WO2015/166450)
[30] GB (1407766.3) 2014-05-02

[21] **2,946,493**
[13] A1
[51] **Int.Cl. A23G 1/21 (2006.01) A23P 20/20 (2016.01) A23P 30/10 (2016.01) A23G 1/20 (2006.01) A23G 1/54 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR THE PRODUCTION OF CHOCOLATE SHELLS**
[54] **DISPOSITIF ET PROCEDE DE PRODUCTION DE COQUES EN CHOCOLAT**
[72] GUSTAV, THORSTEN, US
[72] RYMER, HANNAH, US
[71] KRAFT FOODS R & D, INC., US
[85] 2016-10-20
[86] 2015-04-30 (PCT/IB2015/053161)
[87] (WO2015/166451)
[30] GB (1407767.1) 2014-05-02

[21] **2,946,519**
[13] A1
[51] **Int.Cl. C07D 405/06 (2006.01) A61K 31/4035 (2006.01) A61K 31/4433 (2006.01) A61P 25/00 (2006.01) C07D 401/06 (2006.01)**
[25] EN
[54] **ISOINDOLINE-1-ONE DERIVATIVES AS CHOLINERGIC MUSCARINIC M1 RECEPTOR POSITIVE ALLOESTERIC MODULATOR ACTIVITY FOR THE TREATMENT OF ALZHEIMERS DISEASE**
[54] **DERIVES I ISOINDOLINE-1-ONE A ACTIVITE DE MODULATEUR ALLOESTERIQUE POSITIF DU RECEPTEUR M1 MUSCARINIQUE CHOLINERGIQUE POUR LE TRAITEMENT DE LA MALADIE D'ALZHEIMER**
[72] YAMADA, MASAMI, JP
[72] SUZUKI, SHINKICHI, JP
[72] SUGIMOTO, TAKAHIRO, JP
[72] NAKAMURA, MINORU, JP
[72] SAKAMOTO, HIROKI, JP
[72] KAMATA, MAKOTO, JP
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2016-10-20
[86] 2015-04-22 (PCT/JP2015/062912)
[87] (WO2015/163485)
[30] JP (2014-089585) 2014-04-23

[21] **2,946,522**
[13] A1
[51] **Int.Cl. A01K 1/01 (2006.01) A01C 3/04 (2006.01)**
[25] EN
[54] **AN AUTONOMOUS SELF-PROPELLED MANURE REMOVAL VEHICLE**
[54] **VEHICULE AUTOMOTEUR ET AUTONOME D'ENLEVEMENT DE FUMIER**
[72] VAN DEN BEUKEL, HUIBRECHT JOHANNES, NL
[72] MUNNEKE, HARROLD JAN, NL
[71] LELY PATENT N.V., NL
[85] 2016-10-20
[86] 2015-04-21 (PCT/NL2015/050263)
[87] (WO2015/170967)
[30] NL (2012785) 2014-05-08

[21] **2,946,535**
[13] A1
[51] **Int.Cl. H04B 10/80 (2013.01) H04J 14/02 (2006.01)**
[25] EN
[54] **APPARATUS AND SYSTEM FOR MANAGING WAVELENGTHS IN OPTICAL NETWORKS**
[54] **APPAREIL ET SYSTEME POUR GERER DES LONGUEURS D'ONDE DANS DES RESEAUX OPTIQUES**
[72] SCHEMMANN, MARCEL F., NL
[72] MUTALIK, VENKATESH G., US
[71] ARRIS ENTERPRISES LLC, US
[85] 2016-10-20
[86] 2015-04-02 (PCT/US2015/024101)
[87] (WO2015/164043)
[30] US (61/982,089) 2014-04-21
[30] US (62/043,787) 2014-08-29
[30] US (62/043,793) 2014-08-29
[30] US (14/676,887) 2015-04-02

---

[21] **2,946,537**
[13] A1
[51] **Int.Cl. H04B 1/10 (2006.01) H04H 20/31 (2009.01) H04L 27/10 (2006.01)**
[25] EN
[54] **FIRST ADJACENT CANCELLER (FAC) WITH IMPROVED BLENDING USING A PARAMETRIC FILTER**
[54] **ELIMINATEUR DE PREMIER CANAL ADJACENT (FAC) A MELANGE AMELIORE UTILISANT UN FILTRE PARAMETRIQUE**
[72] KROEGER, BRIAN W., US
[72] PEYLA, PAUL J., US
[71] IBIQUITY DIGITAL CORPORATION, US
[85] 2016-10-20
[86] 2015-04-16 (PCT/US2015/026166)
[87] (WO2015/164181)
[30] US (14/257,286) 2014-04-21

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[21] **2,946,540**
[13] A1
[51] **Int.Cl. F23D 17/00 (2006.01) A63J 5/02 (2006.01) F23D 14/38 (2006.01) F23D 14/58 (2006.01) F23N 5/08 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR GENERATING FLAME EFFECT**
[54] **SYSTEME ET PROCEDE POUR PRODUIRE UN EFFET DE FLAMME**
[72] BLUM, STEVEN C., US
[72] CLARK, BENJAMIN ROBERT, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2016-10-20
[86] 2015-04-08 (PCT/US2015/024991)
[87] (WO2015/164081)
[30] US (14/258,981) 2014-04-22

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[21] **2,946,543**
[13] A1
[51] **Int.Cl. A61J 1/20 (2006.01) A61M 5/31 (2006.01) A61M 39/10 (2006.01)**
[25] EN
[54] **FLUID TRANSFER DEVICE AND PACKAGING THEREFOR**
[54] **DISPOSITIF DE TRANSFERT DE FLUIDE ET EMBALLAGE POUR CELUI-CI**
[72] SANDERS, LAURIE, US
[72] KIM, JAYEON, US
[71] BECTON DICKINSON AND COMPANY LIMITED, IE
[85] 2016-10-20
[86] 2015-04-21 (PCT/US2015/026928)
[87] (WO2015/164413)
[30] US (61/982,049) 2014-04-21
[30] US (61/982,091) 2014-04-21
[30] US (62/050,930) 2014-09-16

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[21] **2,946,546**
[13] A1
[51] **Int.Cl. A45D 34/04 (2006.01) B05B 11/00 (2006.01) B05C 17/03 (2006.01) B05C 17/035 (2006.01)**
[25] EN
[54] **AN APPARATUS AND METHOD FOR DISPENSING A FLUID**
[54] **APPAREIL ET PROCEDE POUR DISTRIBUER UN FLUIDE**
[72] MEGARO, ARIANNA, US
[72] MEGARO, MATTHEW, US
[72] FORREST, BRAD, US
[71] BLOKROK, INC., US
[85] 2016-10-20
[86] 2015-04-20 (PCT/US2015/026630)
[87] (WO2015/164242)
[30] US (14/257,507) 2014-04-21

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[21] **2,946,554**
[13] A1
[51] **Int.Cl. A61J 1/20 (2006.01) A61J 1/14 (2006.01)**
[25] EN
[54] **SYRINGE ADAPTER WITH DISCONNECTION FEEDBACK MECHANISM**
[54] **ADAPTATEUR POUR SERINGUE DOTE D'UN MECANISME DE REGULATION PAR DESACCOUPLEMENT**
[72] SANDERS, LAURIE, US
[71] BECTON DICKINSON AND COMPANY LIMITED, IE
[85] 2016-10-20
[86] 2015-04-21 (PCT/US2015/026822)
[87] (WO2015/164339)
[30] US (61/982,044) 2014-04-21

[21] **2,946,561**
[13] A1
[51] **Int.Cl. A61J 1/20 (2006.01) A61J 1/14 (2006.01)**
[25] EN
[54] **SYSTEM FOR CLOSED TRANSFER OF FLUIDS AND MEMBRANE ARRANGEMENTS FOR USE THEREOF**
[54] **SYSTEME POUR LE TRANSFERT FERME DE FLUIDES ET AGENCEMENTS DE MEMBRANES POUR UNE UTILISATION DE CELUI-CI**
[72] SANDERS, LAURIE, US
[72] YEVMENENKO, YAN, US
[72] CANCELLIERI, JUDE, US
[72] POHL, OLAF GARCIA, ES
[71] BECTON DICKINSON AND COMPANY LIMITED, IE
[85] 2016-10-20
[86] 2015-04-21 (PCT/US2015/026861)
[87] (WO2015/164365)
[30] US (61/982,061) 2014-04-21

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[21] **2,946,562**
[13] A1
[51] **Int.Cl. A61J 1/20 (2006.01)**
[25] EN
[54] **SYSTEM WITH ADAPTER FOR CLOSED TRANSFER OF FLUIDS**
[54] **SYSTEME AVEC ADAPTATEUR POUR TRANSFERT DE FLUIDES EN CIRCUIT FERME**
[72] MARICI, PAUL PAIA, US
[72] YEMANE-TEKESTE, GIRUM, US
[71] BECTON DICKINSON AND COMPANY LIMITED, IE
[85] 2016-10-20
[86] 2015-04-21 (PCT/US2015/026892)
[87] (WO2015/164385)
[30] US (61/982,039) 2014-04-21

---

[21] **2,946,563**
[13] A1
[51] **Int.Cl. A61J 1/16 (2006.01) A61J 1/20 (2006.01)**
[25] EN
[54] **VIAL STABILIZER BASE WITH CONNECTABLE VIAL ADAPTER**
[54] **BASE STABILISATRICE DE FLACON AYANT UN ADAPTATEUR DE FLACON**
[72] MARICI, PAUL PAIA, US
[72] YEMANE-TEKESTE, GIRUM, US
[71] BECTON DICKINSON AND COMPANY LIMITED, IE
[85] 2016-10-20
[86] 2015-04-21 (PCT/US2015/026901)
[87] (WO2015/167871)
[30] US (61/982,054) 2014-04-21

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[21] **2,946,600**
[13] A1
[51] **Int.Cl. A41B 9/02 (2006.01) D04B 1/10 (2006.01) D04B 1/24 (2006.01)**
[25] EN
[54] **UNDERWEAR FOR MEN**
[54] **SOUS-VETEMENT POUR HOMMES**
[72] FRANTZ, ADAM, US
[72] PERRY, TASHA, US
[71] HBI BRANDED APPAREL ENTERPRISES, LLC, US
[85] 2016-10-20
[86] 2015-05-07 (PCT/US2015/029749)
[87] (WO2015/171933)
[30] US (61/996,442) 2014-05-07

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[21] **2,946,606**
[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY FOR TREATING CANCER WITH A POXVIRUS EXPRESSING A TUMOR ANTIGEN AND A MONOCLONAL ANTIBODY AGAINST TIM-3**
[54] **THERAPIE COMBINATOIRE POUR LE TRAITEMENT DU CANCER AVEC UN POXVIRUS EXPRIMANT UN ANTIGENE TUMORAL ET UN ANTICORPS MONOCLONAL ANTI TIM-3**
[72] FOY, SUSAN, US
[72] MANDL, STEFANIE, US
[72] ROUNTREE, RYAN, US
[71] BAVARIAN NORDIC A/S, DK
[85] 2016-10-20
[86] 2015-05-08 (PCT/US2015/029885)
[87] (WO2015/175340)
[30] US (61/992,771) 2014-05-13

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[21] **2,946,611**
[13] A1
[51] **Int.Cl. G01V 9/00 (2006.01) G01K 13/00 (2006.01) G01K 1/08 (2006.01)**
[25] EN
[54] **LONG-TERM SEAFLOOR HEAT FLOW MONITORING PROBE BASED ON UNDERWATER ROBOT PLATFORM**
[54] **SONDE DE SURVEILLANCE DU FLUX DE CHALEUR SUR LE SOL MARIN A LONG TERME FONDEE SUR UNE PLATEFORME ROBOT SOUS-MARINE**
[72] YANG, XIAOQIU, CN
[72] ZENG, XIN, CN
[72] SHI, XIAOBIN, CN
[72] SUN, ZHAOHUA, CN
[71] SOUTH CHINA SEA INSTITUTE OF OCEANOLOGY, CHINESE ACADEMY OF SCIENCES, CN
[85] 2016-10-27
[86] 2015-12-29 (PCT/CN2015/099582)
[87] (2946611)
[30] CN (201510299825.2) 2015-06-03

[21] **2,946,616**
[13] A1
[51] **Int.Cl. A23K 10/16 (2016.01) A23K 10/20 (2016.01) A23K 30/00 (2016.01) A01N 63/02 (2006.01) A01P 1/00 (2006.01) A01P 3/00 (2006.01) C12N 1/20 (2006.01) A23L 3/3571 (2006.01)**
[25] EN
[54] **A SYNERGISTIC COMPOSITION COMPRISING A MIX OF BACTERIA OF THE GENERA LACTOBACILLUS AND PROPIONOBACTERIUM FREUDENREICHII SSP SHERMANII AND USES THEREOF**
[54] **COMPOSITION SYNERGIQUE COMPRENANT UN MELANGE DE BACTERIES DES GENRES LACTOBACILLUS ET PROPIONIBACTERIUM FREUDENREICHII SSP SHERMANANII ET LEURS UTILISATIONS**
[72] COLOMBATTI, FRANCISCO, AR
[72] PALACIOS, LUIS EDUARDO, AR
[72] VENTRICI, ERNESTO OSCAR, AR
[71] MOLINOS RIO DE LA PLATA, S.A., AR
[71] MOLINOS IP S.A., CH
[85] 2016-10-21
[86] 2014-04-24 (PCT/EP2014/058344)
[87] (WO2015/161877)

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[21] **2,946,643**
[13] A1
[51] **Int.Cl. A61B 3/028 (2006.01) A61B 3/00 (2006.01)**
[25] FR
[54] **CORRECTIVE EYEGLASSES AND METHOD FOR SUBJECTIVE REFRACTION BY A WEARER OF SAID EYEGLASSES**
[54] **LUNETTES DE COMPENSATION VISUELLE ET PROCEDE DE REFRACTION SUBJECTIVE D'UN INDIVIDU PORTANT CES LUNETTES**
[72] BOUTINON, STEPHANE, FR
[72] TEJEDOR DEL RIO, VINCENT, FR
[72] NAUCHE, MICHEL, FR
[71] ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR
[85] 2016-10-05
[86] 2015-04-07 (PCT/FR2015/050890)
[87] (WO2015/155456)
[30] FR (1453130) 2014-04-08

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[21] **2,946,650**
[13] A1
[51] **Int.Cl. C12N 15/861 (2006.01) A61K 35/761 (2015.01) A61K 39/00 (2006.01) A61K 48/00 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01) C07K 14/075 (2006.01) C12N 7/01 (2006.01) C12N 15/34 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **ADENOVIRUS COMPRISING AN ALBUMIN-BINDING MOIETY**
[54] **ADENOVIRUS COMPRENANT UN FRAGMENT DE LIAISON A L'ALBUMINE**
[72] ALEMANY BONASTRE, RAMON, ES
[72] ROJAS EXPOSITO, LUIS ALFONSO, ES
[71] FUNDACIO INSTITUT D'INVESTIGACIO BIOMEDICA DE BELLVITGE (IDIBELL), ES
[71] INSTITUT CATALA D'ONCOLOGIA (ICO), ES
[85] 2016-10-21
[86] 2015-04-30 (PCT/EP2015/059593)
[87] (WO2015/166082)
[30] EP (14382162.7) 2014-04-30

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[21] **2,946,654**
[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/506 (2006.01) A61P 33/06 (2006.01)**
[25] EN
[54] **TRIAMINOPYRIMIDINE COMPOUNDS USEFUL FOR PREVENTING OR TREATING MALARIA**
[54] **COMPOSES DE TRIAMINOPYRIMIDINE POUVANT ETRE UTILISES EN VUE DE LA PREVENTION OU DU TRAITEMENT DU PALUDISME**
[72] HAMEED PEER MOHAMED, SHAHUL, IN
[72] PATIL, VIKAS, IN
[72] MURUGAN, KANNAN, IN
[72] VITHALRAO BELLALE, EKNATH, IN
[72] RAICHURKAR, ANANDKUMAR, IN
[72] LANDGE, SUDHIR, IN
[72] PUTTUR, JAYASHREE, IN
[72] ROY CHOUDHURY, NILANJANA, IN
[72] SHANBHAG, GAJANAN, IN
[72] KOUSHIK, KRISHNA, IN
[72] IYER, PRAVIN, IN
[72] KIRTHIKA SAMBANDAMURTHY, VASAN, IN
[72] SOLAPURE, SURESH, IN
[72] NARAYANAN, SHRIDHAR, IN
[71] MMV MEDICINES FOR MALARIA VENTURE, CH
[85] 2016-10-21
[86] 2015-03-26 (PCT/EP2015/056496)
[87] (WO2015/165660)
[30] IN (2142/CHE/2014) 2014-04-28

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[21] **2,946,657**
[13] A1
[51] **Int.Cl. B60P 7/08 (2006.01) B65D 81/05 (2006.01)**
[25] EN
[54] **A LASHING AID DEVICE AND METHOD FOR LASHING FRAMED CONTAINERS**
[54] **DISPOSITIF D'AIDE A L'ARRIMAGE ET PROCEDE POUR ARRIMER DES CONTENEURS A CADRE**
[72] VAN BERLO, PETRUS, HENRI, NL
[71] CORDSTRAP B.V., NL
[85] 2016-10-11
[86] 2015-04-30 (PCT/EP2015/059586)
[87] (WO2015/166079)
[30] NL (NL2012725) 2014-04-30

[21] **2,946,662**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/00 (2006.01) C07K 16/18 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **ANTI-GPC3 ANTIBODIES AND IMMUNOCONJUGATES**
[54] **IMMUNOCONJUGUES ET ANTICORPS ANTI-GPC3**
[72] POLAKIS, PAUL, US
[72] CHEN, YOUJUN, US
[71] GENENTECH, INC., US
[85] 2016-10-21
[86] 2015-05-21 (PCT/US2015/031997)
[87] (WO2015/179658)
[30] US (62/001,868) 2014-05-22

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[21] **2,946,664**
[13] A1
[51] **Int.Cl. B44C 5/04 (2006.01) E04F 13/00 (2006.01) E04F 15/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A DECORATED WALL OR FLOOR PANEL**
[54] **PROCEDE DE PRODUCTION D'UN PANNEAU DE PAROI OU DE SOL DECORE**
[72] HANNIG, HANS-JURGEN, DE
[71] AKZENTA PANEELE + PROFILE GMBH, DE
[85] 2016-10-21
[86] 2015-04-28 (PCT/EP2015/059220)
[87] (WO2015/169647)
[30] EP (14167698.1) 2014-05-09

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[21] **2,946,666**
[13] A1
[51] **Int.Cl. C12M 1/42 (2006.01) C12N 13/00 (2006.01) C12N 15/87 (2006.01) G01N 35/10 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR LARGE VOLUME TRANSFECTION**
[54] **DISPOSITIF ET PROCEDE POUR UNE TRANSFECTION DE GRAND VOLUME**
[72] ALTROGGE, LUDGER, DE
[72] GLEISSNER, TIMO, DE
[72] HEINZE, ANDREAS, DE
[72] HERMSMEIER, SVEN, DE
[71] LONZA COLOGNE GMBH, DE
[85] 2016-10-21
[86] 2015-04-28 (PCT/EP2015/059152)
[87] (WO2015/165881)
[30] EP (14166918.4) 2014-05-02
[30] EP (14191272.5) 2014-10-31

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[21] **2,946,676**
[13] A1
[51] **Int.Cl. A61L 27/30 (2006.01) A61L 27/04 (2006.01) A61L 27/50 (2006.01) C25D 11/00 (2006.01) A61B 17/86 (2006.01)**
[25] EN
[54] **METHOD FOR THE SURFACE TREATMENT OF A BIOCORRODABLE IMPLANT**
[54] **PROCEDE DE TRAITEMENT DE LA SURFACE D'UN IMPLANT BIOCORRODABLE**
[72] NEUBERT, VOLKMAR, DE
[72] NEUBERT, VOLKMAR-DIRK, DE
[71] SYNTELLIX AG, DE
[85] 2016-10-21
[86] 2015-05-21 (PCT/EP2015/061210)
[87] (WO2015/162306)

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[21] **2,946,677**
[13] A1
[51] **Int.Cl. F01N 3/20 (2006.01) F02C 3/22 (2006.01) F02C 3/30 (2006.01) F02D 19/06 (2006.01) F02B 43/10 (2006.01)**
[25] EN
[54] **METHOD FOR EXHAUST GAS AFTERTREATMENT AND COMBUSTION SYSTEM**
[54] **PROCEDE DE POST-TRAITEMENT DE FUMEES ET SYSTEME DE COMBUSTION**
[72] WOLF, ERIK, DE
[72] SIGLING, RALF, DE
[72] STIESDAL, HENRIK, DK
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2016-10-21
[86] 2015-03-25 (PCT/EP2015/056333)
[87] (WO2015/161972)
[30] DE (102014207641.2) 2014-04-23

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[21] **2,946,703**
[13] A1
[51] **Int.Cl. A23L 7/117 (2016.01) A23L 29/212 (2016.01) A23L 33/115 (2016.01)**
[25] EN
[54] **READY-TO-EAT, GLUTEN-FREE AND KETOGENIC COCONUT MEAT-BASED CEREAL**
[54] **CEREALE CETOGENE SANS GLUTEN A BASE DE CHAIR DE NOIX DE COCO, PRETE A CONSOMMER**
[72] KIMES, PRISCILA, PH
[71] KIMES, PRISCILA, PH
[85] 2016-10-21
[86] 2015-04-22 (PCT/PH2015/000005)
[87] (WO2015/163773)
[30] PH (12014000123) 2014-04-22

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[21] **2,946,708**
[13] A1
[51] **Int.Cl. F01D 5/18 (2006.01)**
[25] FR
[54] **TURBOMACHINE TURBINE BLADE COMPRISING A COOLING CIRCUIT WITH IMPROVED HOMOGENEITY**
[54] **AUBE POUR TURBINE DE TURBOMACHINE COMPRENANT UN CIRCUIT DE REFROIDISSEMENT A HOMOGENEITE AMELIOREE**
[72] DUJOL, CHARLOTTE MARIE, FR
[72] ENEAU, PATRICE, FR
[72] DIGARD BROU DE CUISSART, SEBASTIEN, FR
[72] VOLLEBREGT, MATTHIEU JEAN-LUC, FR
[71] SNECMA, FR
[85] 2016-10-21
[86] 2015-04-23 (PCT/FR2015/051111)
[87] (WO2015/162389)
[30] FR (14 53708) 2014-04-24

[21] **2,946,710**
[13] A1
[51] **Int.Cl. F02C 7/06 (2006.01) F01D 25/16 (2006.01) F02C 7/32 (2006.01) F02C 7/36 (2006.01)**
[25] FR
[54] **AIRCRAFT TURBINE ENGINE WITH IMPROVED DRAWING OF MECHANICAL POWER**
[54] **TURBOMACHINE D'AERONEF A PRELEVEMENT DE PUISSANCE MECANIQUE AMELIORE**
[72] NOWAKOWSKI, NATHALIE, FR
[72] VINCENT, THOMAS ALAIN CHRISTIAN, FR
[71] SNECMA, FR
[85] 2016-10-21
[86] 2015-04-27 (PCT/FR2015/051133)
[87] (WO2015/166179)
[30] FR (14 53890) 2014-04-29

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[21] **2,946,712**
[13] A1
[51] **Int.Cl. H04B 10/80 (2013.01) H04B 10/075 (2013.01) H04J 14/02 (2006.01)**
[25] EN
[54] **REMOTE MONITORING OF MULTIPLE OPTICAL SIGNALS**
[54] **SURVEILLANCE A DISTANCE DE SIGNAUX OPTIQUES MULTIPLES**
[72] SCHEMMANN, MARCEL F., NL
[72] MUTALIK, VENKATESH G., US
[71] ARRIS ENTERPRISES LLC, US
[85] 2016-10-21
[86] 2015-04-02 (PCT/US2015/023994)
[87] (WO2015/164037)
[30] US (61/982,089) 2014-04-21
[30] US (61/984,303) 2014-04-25
[30] US (62/043,793) 2014-08-29
[30] US (62/052,213) 2014-09-18
[30] US (14/625,613) 2015-02-18

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[21] **2,946,717**
[13] A1
[51] **Int.Cl. A47F 11/10 (2006.01) F21V 8/00 (2006.01) F21V 33/00 (2006.01)**
[25] FR
[54] **ILLUMINATED GLAZED ASSEMBLY, DOOR AND REFRIGERATED CASE WITH SAID ASSEMBLY AND PRODUCTION**
[54] **ENSEMBLE VITRE LUMINEUX, PORTE ET MEUBLE REFRIGERE AVEC CET ENSEMBLE ET FABRICATION**
[72] GIERENS, ANNE, DE
[72] WOLFF, RICHARD, FR
[72] DIEU, STEPHANE, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2016-10-21
[86] 2015-05-13 (PCT/FR2015/051262)
[87] (WO2015/173516)
[30] FR (1454262) 2014-05-13

---

[21] **2,946,722**
[13] A1
[51] **Int.Cl. E21B 43/26 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MANAGED PRESSURE WELLBORE STRENGTHENING**
[54] **SYSTEME ET PROCEDE POUR RENFORCEMENT DE PUITS DE FORAGE A PRESSION GEREE**
[72] KARIMI, MOJTABA, US
[72] HANNEGAN, DON, US
[72] SHAHRI, MOJTABA P., US
[72] MUTLU, OVUNC, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2016-10-21
[86] 2015-04-08 (PCT/US2015/024891)
[87] (WO2015/164078)
[30] US (14/261,914) 2014-04-25

---

[21] **2,946,723**
[13] A1
[51] **Int.Cl. A61F 9/007 (2006.01)**
[25] EN
[54] **VITRECTOMY SURGICAL APPARATUS EMPLOYING MULTISENSOR PRESSURE FEEDBACK**
[54] **APPAREIL CHIRURGICAL DE VITRECTOMIE UTILISANT UNE RETROACTION DE PRESSION A MULTIPLES CAPTEURS**
[72] HAJISHAH, ABRAHAM, US
[72] MALLOUGH, MITCHELL W., US
[71] ABBOTT MEDICAL OPTICS INC., US
[85] 2016-10-21
[86] 2015-04-22 (PCT/US2015/027012)
[87] (WO2015/164459)
[30] US (61/983,310) 2014-04-23

---

[21] **2,946,724**
[13] A1
[51] **Int.Cl. A61F 9/007 (2006.01) A61B 34/10 (2016.01) A61B 3/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **MEDICAL DEVICE DATA FILTERING FOR REAL TIME DISPLAY**
[54] **FILTRAGE DE DONNEES DE DISPOSITIF MEDICAL EN VUE D'UN AFFICHAGE EN TEMPS REEL**
[72] HAJISHAH, ABRAHAM, US
[72] MALLOUGH, MITCHELL W., US
[72] PEDROZA, JOSEPH E., US
[71] ABBOTT MEDICAL OPTICS INC., US
[85] 2016-10-21
[86] 2015-04-22 (PCT/US2015/027021)
[87] (WO2015/164467)
[30] US (61/983,329) 2014-04-23

[21] **2,946,738**
[13] A1
[51] **Int.Cl. A01G 7/06 (2006.01) A01G 1/00 (2006.01) A01G 9/24 (2006.01) A01G 9/26 (2006.01) A01G 31/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PLANT GROWTH**
[54] **PROCEDE ET APPAREIL POUR LA CROISSANCE DES PLANTES**
[72] BROUTIN FARAH, JENNIFER, US
[72] FARAH, KAMAL, US
[71] SPROUTSIO, INC., US
[85] 2016-10-21
[86] 2015-04-22 (PCT/US2015/027085)
[87] (WO2015/164497)
[30] US (61/983,212) 2014-04-23

---

[21] **2,946,748**
[13] A1
[51] **Int.Cl. B24D 11/02 (2006.01) B24D 3/00 (2006.01) B24D 11/00 (2006.01) D04H 1/58 (2012.01)**
[25] EN
[54] **ABRASIVE BACKERS AND METHODS OF THEIR FORMATION**
[54] **SUPPORTS ABRASIFS ET LEURS PROCEDES DE FORMATION**
[72] VERVACKE, STEVEN L., US
[71] NEENAH PAPER, INC., US
[85] 2016-10-21
[86] 2015-04-24 (PCT/US2015/027424)
[87] (WO2015/164685)
[30] US (61/983,648) 2014-04-24
[30] US (62/063,571) 2014-10-14

---

[21] **2,946,760**
[13] A1
[51] **Int.Cl. A61C 17/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR CLEANING TEETH AND ROOT CANALS**
[54] **APPAREIL ET PROCEDES DE NETTOYAGE DES DENTS ET DES CANAUX RADICULAIRES**
[72] KHAKPOUR, MEHRZAD, US
[72] EVANS, RYAN, US
[72] DECHELETTE, ALEXIS, US
[72] BERGHEIM, BJARNE, US
[71] SONENDO, INC., US
[85] 2016-10-21
[86] 2015-04-29 (PCT/US2015/028360)
[87] (WO2015/168329)
[30] US (61/986,016) 2014-04-29
[30] US (62/017,208) 2014-06-25

---

[21] **2,946,766**
[13] A1
[51] **Int.Cl. A23L 27/30 (2016.01) C07H 15/24 (2006.01)**
[25] EN
[54] **HIGHLY SOLUBLE STEVIOL GLYCOSIDES**
[54] **GLYCOSIDES DE STEVIOL HAUTEMENT SOLUBLES**
[72] CARLSON, TING LIU, US
[72] GOULSON, MELANIE JEAN, US
[72] KNUTSON, NATHAN EDWARD, US
[71] CARGILL, INCORPORATED, US
[85] 2016-10-21
[86] 2015-05-13 (PCT/US2015/030538)
[87] (WO2015/175644)
[30] US (61/992,540) 2014-05-13

---

[21] **2,946,784**
[13] A1
[51] **Int.Cl. H04R 19/02 (2006.01) H04R 1/40 (2006.01)**
[25] EN
[54] **LOUDSPEAKER ARRAY WITH CIRCUIT BOARD-INTEGRATED ASIC**
[54] **SYSTEME DE HAUT-PARLEUR MUNI D'UN CIRCUIT ASIC INTEGRE DANS UNE CARTE DE CIRCUIT IMPRIME**
[72] RUSCONI CLERICI, ANDREA, DE
[72] BOTTONI, FERRUCCIO, AT
[71] USOUND GMBH, AU
[85] 2016-10-24
[86] 2015-04-24 (PCT/EP2015/058898)
[87] (WO2015/162248)
[30] DE (10 2014 105 754.6) 2014-04-24

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[21] **2,946,785**
[13] A1
[51] **Int.Cl. H04W 4/02 (2009.01) H04W 4/06 (2009.01) H04B 17/318 (2015.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MAKING INFORMATION AVAILABLE**
[54] **DISPOSITIF ET PROCEDE DE MISE A DISPOSITION D'INFORMATIONS**
[72] MOKHTARI, RAMIN LAVAE, DE
[72] ASCHEID, GERD, DE
[71] ICE GATEWAY GMBH, DE
[85] 2016-10-24
[86] 2015-03-20 (PCT/EP2015/055900)
[87] (WO2015/165642)
[30] DE (10 2014 006 234.1) 2014-04-30
[30] DE (10 2014 007 668.7) 2014-05-27

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[21] **2,946,786**
[13] A1
[51] **Int.Cl. E02B 3/10 (2006.01) E02B 3/12 (2006.01) E02B 3/16 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ANCHORING A WATERPROOFING LINER TO CONCRETE CURBS OF A HYDRAULIC STRUCTURE**
[54] **PROCEDE ET SYSTEME POUR ANCRAGE D'UN REVETEMENT D'ETANCHEITE A DES BORDURES EN BETON D'UNE STRUCTURE HYDRAULIQUE**
[72] SCUERO, ALBERTO MARIA, NL
[71] CARPI TECH B.V., NL
[85] 2016-10-24
[86] 2015-04-23 (PCT/EP2015/058788)
[87] (WO2015/162205)
[30] IT (MI2014A000766) 2014-04-24

---

[21] **2,946,791**
[13] A1
[51] **Int.Cl. A61N 1/04 (2006.01) A61N 1/36 (2006.01) A61M 25/10 (2013.01)**
[25] EN
[54] **CATHETER AND CATHETER SYSTEM FOR ELECTRICAL NEUROMODULATION**
[54] **CATHETER ET SYSTEME DE CATHETER POUR UNE NEUROMODULATION ELECTRIQUE**
[72] GOEDEKE, STEVEN D., US
[72] WALDHAUSER, STEVEN L., US
[72] EUTENEUER, CHARLES L., US
[71] CARDIONOMIC, INC., US
[85] 2016-10-24
[86] 2015-05-21 (PCT/US2015/031960)
[87] (WO2015/179634)
[30] US (62/001,729) 2014-05-22

[21] **2,946,795**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) C12N 5/16 (2006.01)**
[25] EN
[54] **IGF-1R ANTIBODY AND ITS USE AS ADDRESSING VEHICLE FOR THE TREATMENT OF CANCER**
[54] **ANTICORPS IGF-1R ET SON UTILISATION COMME VEHICULE D'ADRESSAGE POUR LE TRAITEMENT DU CANCER**
[72] GOETSCH, LILIANE, FR
[72] BROUSSAS, MATTHIEU, FR
[72] BEAU-LARVOR, CHARLOTTE, FR
[72] CHAMPION, THIERRY, FR
[72] ROBERT, ALAIN, FR
[71] PIERRE FABRE MEDICAMENT, FR
[85] 2016-10-24
[86] 2015-04-27 (PCT/EP2015/059050)
[87] (WO2015/162292)
[30] US (61/984,160) 2014-04-25

---

[21] **2,946,798**
[13] A1
[51] **Int.Cl. H01B 11/20 (2006.01)**
[25] EN
[54] **DATA CABLE**
[54] **CABLE DE DONNEES**
[72] DETTMER, MELANIE, DE
[72] JANSSEN, BERND, DE
[71] LEONI KABEL HOLDING GMBH, DE
[85] 2016-10-24
[86] 2015-04-27 (PCT/EP2015/059078)
[87] (WO2015/162297)
[30] DE (10 2014 207 879.2) 2014-04-25

---

[21] **2,946,805**
[13] A1
[51] **Int.Cl. A61L 31/14 (2006.01) A61L 31/08 (2006.01)**
[25] EN
[54] **MEDICAL DEVICES WITH NON-UNIFORM COATINGS FOR ENHANCED ECHOGENICITY**
[54] **DISPOSITIFS MEDICAUX A REVETEMENTS NON UNIFORMES POUR UNE ECHOGENICITE AMELIOREE**
[72] AYRES, LEE, NL
[72] ASRIAN, DAVID, NL
[72] OPSTEEN, JOHANNES ANTONIUS, NL
[72] VRIEZEMA, DENNIS MANUEL, NL
[71] ENCAPSON B.V., NL
[85] 2016-10-24
[86] 2015-04-30 (PCT/EP2015/059589)
[87] (WO2015/166081)
[30] EP (14166695.8) 2014-04-30

---

[21] **2,946,812**
[13] A1
[51] **Int.Cl. C12N 15/53 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12N 9/02 (2006.01) C12N 15/29 (2006.01) C12N 15/62 (2006.01) C12N 15/63 (2006.01) C12N 15/82 (2006.01) C12P 17/12 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **NOVEL CYTOCHROME P450 FUSION PROTEIN**
[54] **NOUVELLE PROTEINE DE FUSION DE CYTOCHROME P450**
[72] WINZER, THILO, GB
[72] GRAHAM, IAN, GB
[72] WALKER, TRACY CAROL, AU
[71] THE UNVERSITY OF YORK, GB
[71] SUN PHARMACEUTICAL INDUSTRIES (AUSTRALIA) PTY LIMITED, AU
[85] 2016-10-24
[86] 2015-05-15 (PCT/GB2015/051446)
[87] (WO2015/173590)
[30] GB (1408729.0) 2014-05-16
[30] GB (1506805.9) 2015-04-22

---

[21] **2,946,813**
[13] A1
[51] **Int.Cl. C12N 9/16 (2006.01) C12N 15/55 (2006.01) C12N 15/63 (2006.01) C12P 7/02 (2006.01)**
[25] EN
[54] **DRIMENOL SYNTHASES II**
[54] **DRIMENOL SYNTHASES II**
[72] HAEFLIGER, OLIVIER, CN
[72] HE, XIU-FENG, CN
[72] ZHANG, YU-HUA, CN
[72] SCHALK, MICHEL, CH
[72] DEGUERRY, FABIENNE, CH
[71] FIRMENICH S.A., CH
[85] 2016-10-24
[86] 2015-05-06 (PCT/EP2015/059988)
[87] (WO2015/169871)
[30] CN (PCT/CN2014/076890) 2014-05-06

---

[21] **2,946,815**
[13] A1
[51] **Int.Cl. A61B 6/14 (2006.01) A61B 6/03 (2006.01) A61C 9/00 (2006.01) A61C 13/34 (2006.01)**
[25] EN
[54] **IDENTIFICATION OF AREAS OF INTEREST DURING INTRAORAL SCANS**
[54] **IDENTIFICATION DE REGIONS D'INTERET DURANT DES BALAYAGES INTRA-BUCCAUX**
[72] KOPELMAN, AVI, US
[72] SABINA, MICHAEL, US
[72] LEVIN, ADI, IL
[72] MINCHENKOV, MIKHAIL, RU
[72] ANUFRIENKO, MARIA, RU
[71] ALIGN TECHNOLOGY, INC., US
[85] 2016-10-24
[86] 2015-05-07 (PCT/IB2015/000653)
[87] (WO2015/170162)
[30] US (61/990,004) 2014-05-07

[21] **2,946,818**
[13] A1
[51] **Int.Cl. B64C 1/06 (2006.01) B64D 11/00 (2006.01)**
[25] EN
[54] **BUFFER ZONE FOR INTERIOR AIRCRAFT FEATURES**
[54] **ZONE TAMPON POUR DES ELEMENTS INTERIEURS D'AERONEF**
[72] MALEK, BRUCE, CA
[72] HOLOWKA, STEFAN, CA
[72] BEAUDIN, NIKOLAS, CA
[71] BOMBARDIER INC., CA
[85] 2016-10-24
[86] 2015-04-20 (PCT/IB2015/052876)
[87] (WO2015/162542)
[30] US (61/984,631) 2014-04-25

---

[21] **2,946,820**
[13] A1
[51] **Int.Cl. G10L 19/038 (2013.01) G10L 19/008 (2013.01)**
[25] EN
[54] **CODING VECTORS DECOMPOSED FROM HIGHER-ORDER AMBISONICS AUDIO SIGNALS**
[54] **VECTEURS DE CODAGE DECOMPOSES A PARTIR DE SIGNAUX AUDIO AMBIOPHONIQUES D'ORDRE SUPERIEUR**
[72] KIM, MOO YOUNG, US
[72] PETERS, NILS GUNTHER, US
[72] SEN, DIPANJAN, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-10-24
[86] 2015-05-15 (PCT/US2015/031156)
[87] (WO2015/175981)
[30] US (61/994,794) 2014-05-16
[30] US (62/004,128) 2014-05-28
[30] US (62/019,663) 2014-07-01
[30] US (62/027,702) 2014-07-22
[30] US (62/028,282) 2014-07-23
[30] US (62/032,440) 2014-08-01
[30] US (14/712,836) 2015-05-14

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[21] **2,946,830**
[13] A1
[51] **Int.Cl. F01M 5/02 (2006.01) F02N 19/04 (2010.01) F02N 11/08 (2006.01)**
[25] FR
[54] **GESTION DU RECHAUFFAGE D'UN MOTEUR A COMBUSTION DE VEHICULE AUTOMOBILE**
[54] **MANAGEMENT OF THE WARMING OF A MOTOR VEHICLE COMBUSTION ENGINE**
[72] MONTHEL, NICOLAS, FR
[71] RENAULT S.A.S., FR
[85] 2016-10-24
[86] 2015-04-02 (PCT/FR2015/050857)
[87] (WO2015/162351)
[30] FR (1453681) 2014-04-24

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[21] **2,946,844**
[13] A1
[51] **Int.Cl. B23K 26/32 (2014.01) B23K 26/26 (2014.01) B23K 26/30 (2014.01)**
[25] FR
[54] **METHOD AND DEVICE FOR PREPARING ALUMINIUM-COATED STEEL SHEETS INTENDED FOR BEING WELDED AND THEN HARDENED UNDER A PRESS; CORRESPONDING WELDED BLANK**
[54] **PROCEDE ET DISPOSITIF DE PREPARATION DE TOLES D'ACIER ALUMINIEES DESTINEES A ETRE SOUDEES PUIS DURCIES SOUS PRESSE; FLAN SOUDE CORRESPONDANT**
[72] SCHMIT, FRANCIS, FR
[72] VIERSTRAETE, RENE, FR
[72] YIN, QINGDONG, FR
[72] EHLING, WOLFRAM, BE
[71] ARCELORMITTAL, LU
[85] 2016-10-24
[86] 2015-04-17 (PCT/IB2015/000508)
[87] (WO2015/162478)
[30] IB (PCT/IB2014/000612) 2014-04-25

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[21] **2,946,846**
[13] A1
[51] **Int.Cl. C12N 1/21 (2006.01) C12N 9/02 (2006.01) C12N 9/10 (2006.01) C12N 9/88 (2006.01) C12N 15/53 (2006.01) C12N 15/54 (2006.01) C12N 15/60 (2006.01) C12P 5/02 (2006.01) C12P 7/04 (2006.01) C12P 7/24 (2006.01) C12P 7/62 (2006.01) C12P 7/64 (2006.01) C12P 19/32 (2006.01)**
[25] EN
[54] **METHODS FOR BIOLOGICAL PRODUCTION OF VERY LONG CARBON CHAIN COMPOUNDS**
[54] **PROCEDES DE PRODUCTION BIOLOGIQUE DE COMPOSES A TRES LONGUE CHAINE DE CARBONE**
[72] GIVER, LORRAINE JOAN, US
[72] SILVERMAN, JOSHUA, US
[72] GRATE, JOHN H., US
[71] CALYSTA, INC., US
[85] 2016-10-24
[86] 2015-05-14 (PCT/US2015/030836)
[87] (WO2015/175809)
[30] US (61/994,042) 2014-05-15

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[21] **2,946,861**
[13] A1
[51] **Int.Cl. A61B 17/06 (2006.01) A61B 17/04 (2006.01)**
[25] EN
[54] **NEEDLE-SUTURE COMBINATION**
[54] **COMBINAISON D'AIGUILLE-FIL DE SUTURE**
[72] VRANCKEN PEETERS, MARK-PAUL FRANCISCUS MARIA, NL
[71] MELLON MEDICAL B.V., NL
[85] 2016-10-24
[86] 2015-04-29 (PCT/NL2015/050288)
[87] (WO2015/167331)
[30] NL (2012735) 2014-05-01

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[21] **2,946,871**
[13] A1
[51] **Int.Cl. A01J 5/007 (2006.01) A01J 5/04 (2006.01) A01J 7/02 (2006.01)**
[25] EN
[54] **MILKING DEVICE**
[54] **DISPOSITIF DE TRAITE**
[72] DE HULLU, MATTHEUS JACOB, NL
[72] DIJKSHOORN, DIRK, NL
[72] VAN TILBURG, RUBEN ALEXANDER, NL
[71] LELY PATENT N.V., NL
[85] 2016-10-24
[86] 2015-05-04 (PCT/NL2015/050308)
[87] (WO2015/170975)
[30] NL (2012792) 2014-05-09

[21] **2,946,880**
[13] A1
[51] **Int.Cl. F15B 13/04 (2006.01) F15B 13/08 (2006.01) F16K 27/04 (2006.01)**
[25] EN
[54] **HYDRAULIC SECTIONAL CONTROL VALVE WITH MULTIPLE RELIEF SLOTS**
[54] **VANNE DE COMMANDE A SECTIONS HYDRAULIQUES COMPRENANT DE MULTIPLES FENTES DE DETENTE**
[72] COOLIDGE, GREGORY, US
[71] PARKER-HANNIFIN CORPORATION, US
[85] 2016-10-24
[86] 2015-04-30 (PCT/US2015/028452)
[87] (WO2015/168369)
[30] US (61/986,183) 2014-04-30

[21] **2,946,897**
[13] A1
[51] **Int.Cl. H04W 72/12 (2009.01) H04L 5/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR INTER-BAND PAIRING OF CARRIERS FOR TIME DIVISION DUPLEX TRANSMIT- AND RECEIVE-SWITCHING AND ITS APPLICATION TO MULTIPLEXING OF DIFFERENT TRANSMISSION TIME INTERVALS**
[54] **APPAREIL ET PROCEDE D'APPARIEMENT INTER-BANDE DE PORTEUSES POUR COMMUTATION EMISSION/RECEPTION EN DUPLEXAGE PAR REPARTITION TEMPORELLE ET SON APPLICATION AU MULTIPLEXAGE DE DIFFERENTS INTERVALLES DE TEMPS D'EMISSION**
[72] JI, TINGFANG, US
[72] SMEE, JOHN EDWARD, US
[72] SORIAGA, JOSEPH BINAMIRA, US
[72] BHUSHAN, NAGA, US
[72] GAAL, PETER, US
[72] GOROKHOV, ALEXEI YURIEVITCH, US
[72] MUKKAVILLI, KRISHNA KIRAN, US
[72] ANG, PETER, US
[72] HOWARD, MICHAEL ALEXANDER, US
[72] COOPER, ROTEM, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-10-24
[86] 2015-05-08 (PCT/US2015/029964)
[87] (WO2015/179145)
[30] US (62/000,454) 2014-05-19
[30] US (62/000,443) 2014-05-19
[30] US (14/567,985) 2014-12-11

[21] **2,946,917**
[13] A1
[51] **Int.Cl. A47J 31/44 (2006.01)**
[25] EN
[54] **DISPENSING APPARATUS FOR A MILK-FROTHING DEVICE**
[54] **DISPOSITIF D'ECOULEMENT POUR UN MOUSSEUR A LAIT**
[72] BUTTIKER, PHILIPP, CH
[72] ULLMANN, ERICH, CH
[71] JURA ELEKTROAPPARATE AG, CH
[85] 2016-10-25
[86] 2015-05-13 (PCT/CH2015/000076)
[87] (WO2015/172261)
[30] EP (14405045.7) 2014-05-14

[21] **2,946,940**
[13] A1
[51] **Int.Cl. B42D 25/355 (2014.01) D06M 15/00 (2006.01) D21H 17/00 (2006.01) D21H 21/42 (2006.01)**
[25] FR
[54] **SECURITY DOCUMENT IMPREGNATED WITH A DE-OPACIFYING AGENT AND METHOD FOR TREATING A DOCUMENT**
[54] **DOCUMENT DE SECURITE IMPREGNE D'UN AGENT DESOPACIFIANT ET PROCEDE DE TRAITEMENT D'UN DOCUMENT**
[72] GILLOT, JULIEN, FR
[72] CHAPEAU, GUILLAUME, FR
[72] BORDE, XAVIER, FR
[71] OBERTHUR FIDUCIAIRE SAS, FR
[85] 2016-10-25
[86] 2015-04-30 (PCT/EP2015/059472)
[87] (WO2015/166027)
[30] FR (1454024) 2014-05-02

[21] **2,946,951**
[13] A1
[51] **Int.Cl. E21B 33/043 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **SUBSEA UNIVERSAL XMAS TREE HANG-OFF ADAPTER**
[54] **ADAPTATEUR PENDANT D'ARBRE DE NOEL UNIVERSEL SOUS-MARIN**
[72] BROWN, DAVID, NO
[72] CHRISTENSEN, KIM W., NO
[72] EIDE, ROAR, NO
[72] BAY, LARS, NO
[72] TARNEBY, TOMMY, NO
[72] HALLAN, THOR KETIL, NO
[71] AKER SOLUTIONS AS, NO
[85] 2016-10-25
[86] 2015-05-13 (PCT/EP2015/060629)
[87] (WO2015/173319)
[30] NO (20140609) 2014-05-14
[30] NO (20141108) 2014-09-15

---

[21] **2,946,958**
[13] A1
[51] **Int.Cl. F02C 7/06 (2006.01) F01D 25/18 (2006.01) F02C 7/36 (2006.01) F16H 57/04 (2010.01) F16N 31/00 (2006.01)**
[25] FR
[54] **TURBINE ENGINE MODULE COMPRISING A CASING AROUND A DEVICE WITH A COVER FOR RECOVERING LUBRICATING OIL**
[54] **MODULE DE TURBOMACHINE COMPORTANT UN CARTER AUTOUR D'UN EQUIPEMENT AVEC UN CAPOT DE RECUPERATION D'HUILE DE LUBRIFICATION**
[72] PIKOVSKY, CATHERINE, FR
[72] FARVACQUE, BENOIT GUILLAUME, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2016-10-25
[86] 2015-04-29 (PCT/FR2015/051162)
[87] (WO2015/166189)
[30] FR (1453919) 2014-04-30

---

[21] **2,946,962**
[13] A1
[51] **Int.Cl. A61M 15/00 (2006.01)**
[25] EN
[54] **A HINGED CAPSULE INHALER**
[54] **INHALATEUR A CAPSULE A CHARNIERE**
[72] MCDERMENT, IAN, GB
[72] VILLAX, PETER, PT
[72] VENTURA, JOAO, PT
[72] RICHARDSON, WILLIAM, GB
[71] HOVIONE TECHNOLOGY LIMITED, IE
[85] 2016-10-25
[86] 2015-04-29 (PCT/GB2015/051246)
[87] (WO2015/166239)
[30] PT (PT107627) 2014-04-29

---

[21] **2,946,980**
[13] A1
[51] **Int.Cl. E21B 41/00 (2006.01) E21B 47/01 (2012.01)**
[25] EN
[54] **APPARATUS AND METHOD**
[54] **CONTROLEUR TACTILE DESTINE A UN OUTIL DE FOND DE TROU**
[72] CHRISTIE, STEWART GORDON GEORGE, GB
[72] ELRICK, ANDREW JOHN, GB
[72] FRASER, ANDREW, GB
[72] PROSZYNSKI, PATRYCJUSZ BARTLOMIEJ, GB
[72] MACLEOD, IAIN MORRISON, GB
[71] SENTERGY LIMITED, GB
[85] 2016-10-25
[86] 2015-04-23 (PCT/GB2015/051199)
[87] (WO2015/166215)
[30] GB (1407801.8) 2014-05-02

---

[21] **2,947,007**
[13] A1
[51] **Int.Cl. H04W 4/08 (2009.01) H04W 4/22 (2009.01) H04W 40/20 (2009.01) H04W 40/30 (2009.01) H04W 76/04 (2009.01) H04W 88/04 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR INCIDENT TASK BASED ALLOCATION OF SERVICE INSTANCES**
[54] **PROCEDE ET APPAREIL DESTINES A L'ALLOCATION A BASE DE TACHES D'INCIDENTS D'INSTANCES DE SERVICE**
[72] AGULNIK, ANATOLY, US
[72] MILLER, TRENT J., US
[72] PEARCE, MICHAEL D., US
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2016-10-25
[86] 2015-04-16 (PCT/US2015/026142)
[87] (WO2015/164176)
[30] US (14/262,285) 2014-04-25

---

[21] **2,947,011**
[13] A1
[51] **Int.Cl. G10L 15/02 (2006.01) H04W 4/18 (2009.01) G10L 25/51 (2013.01) G08B 6/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PROVIDING ALERTS FOR RADIO COMMUNICATIONS**
[54] **PROCEDE ET SYSTEME DE FOURNITURE D'ALERTES POUR COMMUNICATIONS RADIO**
[72] KOSKAN, PATRICK D., US
[72] MILLET, BARBARA, US
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2016-10-25
[86] 2015-04-16 (PCT/US2015/026148)
[87] (WO2015/164178)
[30] US (14/262,015) 2014-04-25

[21] **2,947,014**
[13] A1
[51] **Int.Cl. B23D 45/00 (2006.01) A01G 23/091 (2006.01) B23D 47/04 (2006.01) B23D 47/08 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR CUTTING AN OBJECT**
[54] **APPAREIL ET PROCEDES PERMETTANT DE DECOUPER UN OBJET**
[72] LATENDRESSE, PHILIP E., US
[72] VOLDEN, JEFFREY S., US
[72] KIEFER, STEVE, US
[71] BARKO HYDRAULICS, L.L.C., US
[85] 2016-10-25
[86] 2015-04-27 (PCT/US2015/027736)
[87] (WO2015/167995)
[30] US (61/986,481) 2014-04-30

---

[21] **2,947,038**
[13] A1
[51] **Int.Cl. G08B 3/10 (2006.01) H04W 88/02 (2009.01) G08B 6/00 (2006.01) H04M 1/57 (2006.01)**
[25] EN
[54] **NOISE-SENSITIVE ALERT PRESENTATION**
[54] **PRESENTATION D'ALERTES SENSIBLE AU BRUIT**
[72] WEINBERG, SHIRA, US
[72] KASHTAN, GUY, US
[72] SCHLESINGER, BENNY, US
[72] AGUERA Y ARCAS, BLAISE, US
[72] CHEN, CHRISTINA SUMMER, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2016-10-25
[86] 2015-05-16 (PCT/US2015/031266)
[87] (WO2015/179252)
[30] US (14/281,437) 2014-05-19

---

[21] **2,947,042**
[13] A1
[51] **Int.Cl. H04N 19/13 (2014.01) H04N 19/103 (2014.01) H04N 19/186 (2014.01) H04N 19/70 (2014.01)**
[25] EN
[54] **CODING RUN VALUES BASED ON PALETTE INDEX IN PALETTE-BASED VIDEO CODING**
[54] **VALEURS D'EXECUTION DE CODAGE BASE SUR UN INDICE DE PALETTE DANS UN SYSTEME DE CODAGE VIDEO BASE SUR UNE PALETTE**
[72] SEREGIN, VADIM, US
[72] JOSHI, RAJAN LAXMAN, US
[72] KARCZEWICZ, MARTA, US
[72] PU, WEI, US
[72] SOLE ROJALS, JOEL, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-10-25
[86] 2015-05-22 (PCT/US2015/032282)
[87] (WO2015/179827)
[30] US (62/002,717) 2014-05-23
[30] US (62/009,772) 2014-06-09
[30] US (62/015,261) 2014-06-20
[30] US (62/019,223) 2014-06-30
[30] US (62/059,659) 2014-10-03
[30] US (62/065,526) 2014-10-17
[30] US (14/719,263) 2015-05-21

---

[21] **2,947,043**
[13] A1
[51] **Int.Cl. H04N 19/186 (2014.01) H04N 19/105 (2014.01) H04N 19/46 (2014.01)**
[25] EN
[54] **CODING RUNS WITH ESCAPE IN PALETTE-BASED VIDEO CODING**
[54] **SERIES DE CODAGE AVEC ECHAPPEMENT DANS UN CODAGE VIDEO BASE SUR PALETTE**
[72] SEREGIN, VADIM, US
[72] JOSHI, RAJAN LAXMAN, US
[72] KARCZEWICZ, MARTA, US
[72] PU, WEI, US
[72] SOLE ROJALS, JOEL, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-10-25
[86] 2015-05-22 (PCT/US2015/032286)
[87] (WO2015/179829)
[30] US (62/002,717) 2014-05-23
[30] US (62/009,772) 2014-06-09
[30] US (62/015,261) 2014-06-20
[30] US (62/019,223) 2014-06-30
[30] US (62/059,659) 2014-10-03
[30] US (62/065,526) 2014-10-17
[30] US (14/719,265) 2015-05-21

---

[21] **2,947,063**
[13] A1
[51] **Int.Cl. E05F 3/20 (2006.01) A47B 96/00 (2006.01) E05D 7/04 (2006.01)**
[25] EN
[54] **HINGE FOR FURNITURE OR DOMESTIC APPLIANCES**
[54] **CHARNIERE POUR MEUBLES OU APPAREILS ELECTROMENAGERS**
[72] BUSCHMANN, ALEXANDER, DE
[71] HETTICH-ONI GMBH & CO. KG, DE
[85] 2016-10-26
[86] 2015-05-13 (PCT/EP2015/060684)
[87] (WO2015/173349)
[30] DE (10 2014 106 908.0) 2014-05-16

---

[21] **2,947,070**
[13] A1
[51] **Int.Cl. F01M 1/12 (2006.01) F01M 11/00 (2006.01) F01M 11/12 (2006.01) F01M 13/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL**
[72] ALI, RANA, GB
[72] GOODIER, STEVEN PAUL, GB
[72] PEARSON, RICHARD, GB
[72] TAYLOR, OLIVER PAUL, GB
[71] CASTROL LIMITED, GB
[85] 2016-10-26
[86] 2015-05-21 (PCT/EP2015/061334)
[87] (WO2015/177316)
[30] GB (1409064.1) 2014-05-21

---

[21] **2,947,071**
[13] A1
[51] **Int.Cl. E05D 11/10 (2006.01) E05F 1/14 (2006.01)**
[25] EN
[54] **HINGE FOR FURNITURE OR DOMESTIC APPLIANCES**
[54] **CHARNIERE POUR MEUBLES OU APPAREILS ELECTROMENAGERS**
[72] BUSCHMANN, ALEXANDER, DE
[71] HETTICH-ONI GMBH & CO. KG, DE
[85] 2016-10-26
[86] 2015-05-13 (PCT/EP2015/060686)
[87] (WO2015/173351)
[30] DE (10 2014 106 911.0) 2014-05-16

[21] **2,947,108**
[13] A1
[51] **Int.Cl. B42D 25/355 (2014.01) B42D 25/373 (2014.01) B42D 25/43 (2014.01) D21H 21/42 (2006.01)**
[25] FR
[54] **SECURITY STRIP AND SECURITY DOCUMENT INCORPORATING SAID STRIP**
[54] **BANDEAU DE SECURITE ET DOCUMENT DE SECURITE QUI L'INTEGRE**
[72] CHAPEAU, GUILLAUME, FR
[72] GILLOT, JULIEN, FR
[72] BORDE, XAVIER, FR
[71] OBERTHUR FIDUCIAIRE SAS, FR
[85] 2016-10-25
[86] 2015-04-30 (PCT/EP2015/059471)
[87] (WO2015/166026)
[30] FR (1454023) 2014-05-02

---

[21] **2,947,111**
[13] A1
[51] **Int.Cl. H01F 27/36 (2006.01) H01F 38/02 (2006.01)**
[25] EN
[54] **FAULT CURRENT LIMITER**
[54] **LIMITEUR DE COURANT DE DEFAUT**
[72] CHEER, ANDREW, GB
[72] HALL, JEREMY, GB
[71] FAULTCURRENT LIMITED, GB
[85] 2016-10-26
[86] 2015-05-19 (PCT/GB2015/051463)
[87] (WO2015/177530)
[30] GB (1408855.3) 2014-05-19

---

[21] **2,947,113**
[13] A1
[51] **Int.Cl. E06B 3/66 (2006.01) E04D 13/03 (2006.01) E06B 3/02 (2006.01)**
[25] EN
[54] **FIXED GLAZING**
[54] **VITRAGE FIXE**
[72] FRANCK, JAN, DE
[71] FRANCK, JAN, DE
[85] 2016-10-26
[86] 2015-04-28 (PCT/IB2015/000587)
[87] (WO2015/166328)
[30] DE (10 2014 005 989.8) 2014-04-28

---

[21] **2,947,116**
[13] A1
[51] **Int.Cl. E04B 1/16 (2006.01) E04B 2/68 (2006.01)**
[25] EN
[54] **BUILDING OR CONSTRUCTION AND METHOD FOR PRODUCTION THEREOF**
[54] **BATIMENT OU EDIFICE ET PROCEDE DE FABRICATION ASSOCIE**
[72] FRANCK, JAN, DE
[71] FRANCK, JAN, DE
[85] 2016-10-26
[86] 2015-04-28 (PCT/IB2015/000590)
[87] (WO2015/166330)
[30] DE (10 2014 005 990.1) 2014-04-28

---

[21] **2,947,119**
[13] A1
[51] **Int.Cl. E04B 5/32 (2006.01) E04B 5/38 (2006.01) E04B 9/00 (2006.01) E04G 21/00 (2006.01) E04B 5/48 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A CEILING IN A BUILDING**
[54] **PROCEDE DE FABRICATION D'UN PLAFOND DANS UN BATIMENT**
[72] FRANCK, JAN, DE
[71] FRANCK, JAN, DE
[85] 2016-10-26
[86] 2015-04-28 (PCT/IB2015/000593)
[87] (WO2015/166331)
[30] DE (10 2014 005 992.8) 2014-04-28

---

[21] **2,947,120**
[13] A1
[51] **Int.Cl. F02C 7/236 (2006.01) F02C 7/06 (2006.01) F02C 9/26 (2006.01)**
[25] FR
[54] **VARIABLE GEOMETRIES FLUID SUPPLY CIRCUIT FOR A TURBOMACHINE WITHOUT VOLUMETRIC PUMP**
[54] **CIRCUIT D'ALIMENTATION EN FLUIDE DE GEOMETRIES VARIABLES DE TURBOMACHINE SANS POMPE VOLUMETRIQUE**
[72] CHALAUD, SEBASTIEN, FR
[71] SNECMA, FR
[85] 2016-10-26
[86] 2015-04-27 (PCT/FR2015/051130)
[87] (WO2015/166177)
[30] FR (14 53820) 2014-04-28
[30] FR (14 53819) 2014-04-28

---

[21] **2,947,121**
[13] A1
[51] **Int.Cl. F02C 7/06 (2006.01) F01D 25/16 (2006.01) F02C 7/32 (2006.01) F02C 7/36 (2006.01)**
[25] FR
[54] **MODULAR ASSEMBLY FOR A TURBINE ENGINE**
[54] **ENSEMBLE MODULAIRE POUR UNE TURBOMACHINE**
[72] CURLIER, AUGUSTIN, FR
[72] LEMARCHAND, KEVIN MORGANE, FR
[72] NOWAKOWSKI, NATHALIE, FR
[72] VINCENT, THOMAS ALAIN CHRISTIAN, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2016-10-26
[86] 2015-04-28 (PCT/FR2015/051158)
[87] (WO2015/166187)
[30] FR (1453889) 2014-04-29
[30] FR (1453890) 2014-04-29
[30] FR (1459530) 2014-10-03

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[21] **2,947,123**
[13] A1
[51] **Int.Cl. E03C 1/122 (2006.01)**
[25] EN
[54] **AIR ADMITTANCE VALVE**
[54] **SOUPAPE D'ADMISSION D'AIR**
[72] COLE, STEVEN R., US
[71] IPS CORPORATION, US
[85] 2016-10-26
[86] 2015-04-27 (PCT/IB2015/053061)
[87] (WO2015/166402)
[30] US (14/263,326) 2014-04-28

[21] **2,947,126**
[13] A1
[51] **Int.Cl. H04L 25/03 (2006.01) H04W 80/02 (2009.01) H04J 11/00 (2006.01) H04L 27/26 (2006.01)**
[25] EN
[54] **ASYNCHRONOUS MULTICARRIER COMMUNICATIONS**
[54] **COMMUNICATIONS MULTIPORTEUSES ASYNCHRONES**
[72] SORIAGA, JOSEPH BINAMIRA, US
[72] JI, TINGFANG, US
[72] SMEE, JOHN EDWARD, US
[72] BHUSHAN, NAGA, US
[72] GAAL, PETER, US
[72] MUKKAVILLI, KRISHNA KIRAN, US
[72] GOROKHOV, ALEXEI YURIEVITCH, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-10-26
[86] 2015-05-12 (PCT/US2015/030423)
[87] (WO2015/183549)
[30] US (62/004,337) 2014-05-29
[30] US (14/574,149) 2014-12-17

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[21] **2,947,136**
[13] A1
[51] **Int.Cl. H02P 6/04 (2016.01) B60R 1/074 (2006.01) H02P 25/06 (2016.01)**
[25] EN
[54] **LINEAR ACTUATOR FORCE MATCHING USING BACK EMF**
[54] **ADAPTATION DE FORCE D'ACTIONNEUR LINEAIRE A L'AIDE DE LA FORCE CONTRE-ELECTROMOTRICE**
[72] SAVAGE, LAWRENCE E., II, US
[72] SIGLER, PATRICK J., US
[72] ROBARGE, JAMES, US
[72] HERRINGTON, GARY R., US
[72] GOHLKE, MARK, US
[72] PALOMINO, STEVEN, US
[71] RAYTHEON COMPANY, US
[85] 2016-10-26
[86] 2015-03-16 (PCT/US2015/020756)
[87] (WO2015/175089)
[30] US (14/280,074) 2014-05-16

---

[21] **2,947,150**
[13] A1
[51] **Int.Cl. E03D 11/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **SIZING APPLICATION FOR A TOILET BOWL TRAPPING DEVICE**
[54] **APPLICATION DE DIMENSIONNEMENT POUR DISPOSITIF DE PIEGEAGE DE CUVETTE DE TOILETTES**
[72] BECK, DAVID, US
[72] VRABEC, LINDA, US
[71] SAGE PRODUCTS, LLC, US
[85] 2016-10-26
[86] 2015-04-28 (PCT/US2015/027888)
[87] (WO2015/168059)
[30] US (14/264,347) 2014-04-29

---

[21] **2,947,167**
[13] A1
[51] **Int.Cl. B21D 26/14 (2006.01) B21D 51/26 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ELECTROMAGNETIC FORMING OF CONTAINERS**
[54] **SYSTEMES ET PROCEDES DE FORMATION ELECTROMAGNETIQUE DE RECIPIENTS**
[72] LEE, RICHARD H., US
[71] BELVAC PRODUCTION MACHINERY, INC., US
[85] 2016-10-26
[86] 2015-05-04 (PCT/US2015/029084)
[87] (WO2015/171512)
[30] US (61/988,214) 2014-05-04

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[21] **2,947,171**
[13] A1
[51] **Int.Cl. H01Q 1/52 (2006.01) H01Q 1/22 (2006.01) H04B 7/204 (2006.01) H01Q 5/10 (2015.01) H01Q 9/16 (2006.01)**
[25] EN
[54] **INTEGRATED REPEATER**
[54] **REPETEUR INTEGRE**
[72] LOTTER, MICHIEL PETRUS, US
[72] KIM, INKWANG, US
[72] COOK, JASON FOSTER, US
[71] NEXTIVITY, INC., US
[85] 2016-10-26
[86] 2015-05-06 (PCT/US2015/029525)
[87] (WO2015/171806)
[30] US (61/989,379) 2014-05-06

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[21] **2,947,182**
[13] A1
[51] **Int.Cl. H04B 17/17 (2015.01) H04B 17/29 (2015.01) H04B 7/155 (2006.01)**
[25] EN
[54] **DETECTING UPLINK REPEATER CAPACITY**
[54] **DETECTION DE CAPACITE D'UN REPETEUR SENS MONTANT**
[72] LOTTER, MICHIEL PETRUS, US
[72] RIPHAGEN, IAN, US
[71] NEXTIVITY, INC., US
[85] 2016-10-26
[86] 2015-05-06 (PCT/US2015/029527)
[87] (WO2015/171808)
[30] US (61/989,391) 2014-05-06

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[21] **2,947,219**
[13] A1
[51] **Int.Cl. G06F 1/16 (2006.01) G06F 1/20 (2006.01) G06F 1/26 (2006.01) H04L 12/40 (2006.01) H04Q 1/04 (2006.01) H05K 7/14 (2006.01) H05K 7/20 (2006.01)**
[25] EN
[54] **FLEXIBLE DATA CENTER INFRASTRUCTURE DISTRIBUTION**
[54] **DISTRIBUTION D'INFRASTRUCTURES DE CENTRES DE DONNEES FLEXIBLES**
[72] MORALES, OSVALDO P., US
[72] GARDNER, BROCK ROBERT, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2016-10-26
[86] 2015-05-01 (PCT/US2015/028809)
[87] (WO2015/168565)
[30] US (61/987,453) 2014-05-01
[30] US (14/475,189) 2014-09-02

[21] **2,947,221**
[13] A1
[51] **Int.Cl. B61H 7/08 (2006.01)**
[25] EN
[54] **COIL DEVICE FOR AN ELECTROMAGNETIC TRACK BRAKE FOR A RAIL VEHICLE, MAGNETIC TRACK BRAKE FOR A RAIL VEHICLE, AND METHOD FOR MOUNTING AT LEAST ONE CONNECTION CABLE OF A COIL OF AN ELECTROMAGNETIC TRACK BRAKE FOR A RAIL VEHICLE**
[54] **ENSEMBLE BOBINE POUR FREIN DE VOIE ELECTROMAGNETIQUE POUR VEHICULE FERROVIAIRE, FREIN DE VOIE MAGNETIQUE POUR VEHICULE FERROVIAIRE ET PROCEDE DE MONTAGE D'AU MOINS UN CABLE DE CONNEXION D'UNE BOBINE D'UN FREIN DE VOIE ELECTROMAGNETIQUE POUR VEHICULE FERROVIAIRE**
[72] RATHAMMER, RICHARD, AT
[72] JOERGL, VOLKER, AT
[72] WIDLINSKI, MARCIN, AT
[71] KNORR-BREMSE GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, AT
[85] 2016-10-27
[86] 2015-04-28 (PCT/EP2015/059130)
[87] (WO2015/165866)
[30] DE (10 2014 208 112.2) 2014-04-29

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[21] **2,947,226**
[13] A1
[51] **Int.Cl. E04F 15/20 (2006.01) E04F 15/12 (2006.01) E04F 15/18 (2006.01)**
[25] EN
[54] **3D FABRIC FOR FLOATING FLOOR CONSTRUCTIONS**
[54] **TISSU 3D POUR STRUCTURES DE PLANCHER FLOTTANT**
[72] HILGENBRINK, BERNHARD, DE
[71] SIKA TECHNOLOGY AG, CH
[85] 2016-10-27
[86] 2015-04-29 (PCT/EP2015/059409)
[87] (WO2015/166002)
[30] EP (14166726.1) 2014-04-30

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[21] **2,947,242**
[13] A1
[51] **Int.Cl. H04M 3/42 (2006.01) H04W 4/14 (2009.01) H04M 3/523 (2006.01)**
[25] EN
[54] **VOICE CALL DIVERSION TO ALTERNATE COMMUNICATION METHOD**
[54] **DEVIATION D'APPEL VOCAL VERS UN PROCEDE DE COMMUNICATION ALTERNATIVE**
[72] CAHILL, ANTHONY, IE
[72] KEATING, COLM, IE
[71] WEBTEXT HOLDINGS LIMITED, IE
[85] 2016-10-27
[86] 2015-04-26 (PCT/IB2015/053030)
[87] (WO2015/166391)
[30] US (61/984,813) 2014-04-27

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[21] **2,947,248**
[13] A1
[51] **Int.Cl. H04M 3/51 (2006.01) H04M 3/42 (2006.01) H04W 4/14 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PROVIDING COMMUNICATION INTERACTION VISIBILITY**
[54] **PROCEDE ET APPAREIL DE FOURNITURE DE VISIBILITE SUR UNE INTERACTION DE COMMUNICATION**
[72] CAHILL, ANTHONY, IE
[72] KEATING, COLM, IE
[71] WEBTEXT HOLDINGS LIMITED, IE
[85] 2016-10-27
[86] 2015-04-26 (PCT/IB2015/053031)
[87] (WO2015/166392)
[30] US (61/984,838) 2014-04-27

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[21] **2,947,249**
[13] A1
[51] **Int.Cl. F02C 7/32 (2006.01) F01D 25/16 (2006.01) F02C 7/06 (2006.01) F02C 7/36 (2006.01)**
[25] FR
[54] **ASSEMBLY FOR AIRCRAFT TURBINE ENGINE AND METHOD FOR MOUNTING SAME**
[54] **ASSEMBLAGE POUR TURBOMACHINE D'AERONEF ET SON PROCEDE DE MONTAGE**
[72] LEMARCHAND, KEVIN MORGANE, FR
[71] SNECMA, FR
[85] 2016-10-27
[86] 2015-04-27 (PCT/FR2015/051131)
[87] (WO2015/166178)
[30] FR (14 53889) 2014-04-29

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[21] **2,947,264**
[13] A1
[51] **Int.Cl. B62B 1/02 (2006.01) B62B 1/10 (2006.01) B62B 1/14 (2006.01)**
[25] EN
[54] **HAND TRUCK WITH AN ADJUSTABLE WHEEL AXLE**
[54] **DIABLE DOTE D'UN ESSIEU DE ROUE REGLABLE**
[72] SUIJKERBUIJK, LUDO, BE
[72] SUIJKERBUIJK, ANDRE, BE
[71] TECHNO GROUP BENELUX B.V., NL
[85] 2016-10-27
[86] 2014-12-18 (PCT/NL2014/050874)
[87] (WO2015/167322)
[30] NL (2012742) 2014-05-02

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[21] **2,947,271**
[13] A1
[51] **Int.Cl. G08B 25/00 (2006.01) H04W 4/22 (2009.01) G08B 27/00 (2006.01) H04M 3/51 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR PRESENTING PRIORITIZED INCIDENT CONTENT**
[54] **PROCEDES ET SYSTEMES POUR PRESENTER UN CONTENU D'INCIDENT CLASSE PAR ORDRE DE PRIORITE**
[72] MILLER, TRENT J., US
[72] BLANCO, ALEJANDRO G., US
[72] CORREAL, NEIYER S., US
[72] COSTA, FABIO M., US
[72] DOUROS, KENNETH W., US
[72] HIBEN, BRADLEY M., US
[72] KYPEROUNTAS, SPYROS, US
[72] LIN, LIN, US
[72] RAO, YADUNANDANA N., US
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2016-10-27
[86] 2015-04-20 (PCT/US2015/026573)
[87] (WO2015/167835)
[30] US (14/262,889) 2014-04-28

[21] **2,947,278**
[13] A1
[51] **Int.Cl. F15B 15/14 (2006.01) B25J 9/14 (2006.01) B25J 9/16 (2006.01) B25J 15/06 (2006.01) B65G 47/91 (2006.01)**
[25] EN
[54] **DOUBLE ACTING FLUIDIC CYLINDER FOR MATERIAL HANDLING**
[54] **CYLINDRE FLUIDIQUE A DOUBLE ACTION POUR TRAITEMENT DE MATERIAUX**
[72] GIRTMAN, MICHAEL, US
[72] WALES, KENNETH S., US
[71] INTELLIGRATED HEADQUARTERS, LLC, US
[85] 2016-10-27
[86] 2015-04-28 (PCT/US2015/028077)
[87] (WO2015/168173)
[30] US (61/985,417) 2014-04-28

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[21] **2,947,282**
[13] A1
[51] **Int.Cl. F15B 21/00 (2006.01) F16K 15/14 (2006.01) F16K 47/08 (2006.01)**
[25] EN
[54] **VENT ASSEMBLY AND METHOD FOR A DIGITAL VALVE POSITIONER**
[54] **ENSEMBLE EVENT ET PROCEDE POUR POSITIONNEUR DE VANNE NUMERIQUE**
[72] WINKLER, RICHARD J., US
[72] JUNK, KENNETH W., US
[72] JELKEN, SHANNON E., US
[72] ROESSLER, FRANCIS C., US
[72] MACK, CHRISTOPHER J., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2016-10-27
[86] 2015-05-01 (PCT/US2015/028692)
[87] (WO2015/168491)
[30] US (61/987,419) 2014-05-01

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[21] **2,947,288**
[13] A1
[51] **Int.Cl. F16K 37/00 (2006.01) F15B 19/00 (2006.01) G05D 7/06 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO PARTIAL STROKE TEST VALVES USING PRESSURE CONTROL**
[54] **PROCEDES ET APPAREIL POUR LE TEST DE COURSE PARTIELLE DE SOUPAPES AVEC COMMANDE DE PRESSION**
[72] JUNK, KENNETH W., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2016-10-27
[86] 2015-05-07 (PCT/US2015/029582)
[87] (WO2015/171843)
[30] US (14/272,090) 2014-05-07

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[21] **2,947,299**
[13] A1
[51] **Int.Cl. F01D 5/28 (2006.01) F01D 5/06 (2006.01) F01D 5/30 (2006.01) F04D 29/32 (2006.01)**
[25] EN
[54] **COMPOSITE BOOSTER SPOOL WITH SEPARABLE COMPOSITE BLADES**
[54] **CORPS SURPRESSEUR COMPOSITE A LAMES COMPOSITES SEPARABLES**
[72] KRAY, NICHOLAS JOSEPH, US
[72] VERMILYEA, MARK ERNEST, US
[72] SUBRAMANIAN, SURESH, IN
[72] ANDERSON, TODD ALAN, US
[72] SHIM, DONG-JIN, US
[72] NANDULA, PHANI, IN
[71] GENERAL ELECTRIC COMPANY, US
[85] 2016-10-27
[86] 2015-05-06 (PCT/US2015/029333)
[87] (WO2015/171670)
[30] US (61/990,369) 2014-05-08

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[21] **2,947,377**
[13] A1
[51] **Int.Cl. B63C 9/02 (2006.01) B63B 1/04 (2006.01) B63C 9/04 (2006.01) B63C 9/06 (2006.01)**
[25] EN
[54] **SPHERICAL RESCUE UNIT**
[54] **UNITE DE SAUVETAGE SPHERIQUE**
[72] WIDE, PETER, SE
[71] MARITIME RESCUE TECHNOLOGIES AS, NO
[85] 2016-10-28
[86] 2015-04-29 (PCT/EP2015/059371)
[87] (WO2015/165985)
[30] NO (20140548) 2014-04-29

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[21] **2,947,395**
[13] A1
[51] **Int.Cl. A61B 3/00 (2006.01) A61B 3/10 (2006.01) A61B 3/12 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN AND RELATING TO IMAGING OF THE EYE**
[54] **AMELIORATIONS DANS ET CONCERNANT L'IMAGERIE DE L'□IL**
[72] VAN HEMERT, JANO, GB
[72] VERHOEK, MICHAEL, GB
[72] BROWN, DAVID, US
[72] WYKOFF, CHARLES, US
[72] CROFT, DANIEL, US
[71] OPTOS PLC, GB
[85] 2016-10-28
[86] 2015-05-01 (PCT/GB2015/051301)
[87] (WO2015/166283)
[30] GB (1407873.7) 2014-05-02

[21] **2,947,400**
[13] A1
[51] **Int.Cl. A01G 9/22 (2006.01)**
[25] EN
[54] **FASTENING SYSTEM AND SCREEN INSTALLATION FOR A GREENHOUSE, AS WELL AS METHOD FOR ATTACHING THE SAME**
[54] **SYSTEME DE FIXATION ET INSTALLATION D'OMBRAGE POUR SERRE AINSI QUE PROCEDE DE FIXATION DE CELLE-CI**
[72] VAN DEURSEN, ADRIANUS GERARDUS, NL
[72] BROOS, JOHAN MARTIEN, NL
[72] PRINS, VINCENT, NL
[71] VAN DER VALK SYSTEMEN B.V., NL
[85] 2016-10-28
[86] 2015-04-30 (PCT/NL2015/050291)
[87] (WO2015/167334)
[30] NL (2012719) 2014-04-30

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[21] **2,947,412**
[13] A1
[51] **Int.Cl. B24C 1/04 (2006.01)**
[25] EN
[54] **ABRASIVE JET FORMING LAMINATED GLASS STRUCTURES**
[54] **FACONNAGE DE STRUCTURES DE VERRE FEUILLETE PAR JET ABRASIF**
[72] FORENZ, DOMINICK JOHN, US
[72] HUMPHREY, MARK LEE, US
[72] MCKENDRICK, WALTER JAY, US
[72] PRICE, MICHAEL WILLIAM, US
[72] SHUGARS, GREGG LEE, US
[71] CORNING INCORPORATED, US
[85] 2016-10-28
[86] 2015-04-29 (PCT/US2015/028111)
[87] (WO2015/168196)
[30] US (61/985,731) 2014-04-29

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[21] **2,947,417**
[13] A1
[51] **Int.Cl. H04W 76/00 (2009.01) H04W 40/12 (2009.01) H04W 84/08 (2009.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR TRANSFERRING AN AUDIO SIGNAL BETWEEN DEVICES OF A SINGLE USER**
[54] **PROCEDE ET SYSTEME DE TRANSFERT D'UN SIGNAL AUDIO ENTRE DES DISPOSITIFS MONO-UTILISATEUR**
[72] CORRETJER, JESUS F., US
[72] KREITZER, STUART S., US
[71] MOTOROLA SOLUTIONS, INC., US
[85] 2016-10-28
[86] 2015-04-20 (PCT/US2015/026579)
[87] (WO2015/167840)
[30] US (14/266,105) 2014-04-30

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[21] **2,947,420**
[13] A1
[51] **Int.Cl. H04B 10/572 (2013.01) H04J 14/02 (2006.01) H04L 29/02 (2006.01)**
[25] EN
[54] **ROGUE OPTICAL NETWORK UNIT MITIGATION IN PASSIVE OPTICAL NETWORKS**
[54] **ATTENUATION DES EFFETS D'UNE UNITE DE RESEAU OPTIQUE MALVEILLANTE DANS DES RESEAUX OPTIQUES PASSIFS**
[72] GAO, BO, CN
[72] LUO, YUANQIU, US
[72] EFFENBERGER, FRANK, US
[72] GAO, JIANHE, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-10-28
[86] 2015-04-28 (PCT/US2015/027964)
[87] (WO2015/168105)
[30] US (61/986,601) 2014-04-30
[30] US (14/693,602) 2015-04-22

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[21] **2,947,439**
[13] A1
[51] **Int.Cl. D21J 1/08 (2006.01) D21J 1/04 (2006.01)**
[25] EN
[54] **FIBER BOARD PRODUCT COMPRISING A CALCIUM CARBONATE-CONTAINING MATERIAL**
[54] **PRODUIT DE TYPE PANNEAU DE FIBRES COMPRENANT UN MATERIAU CONTENANT DU CARBONATE DE CALCIUM**
[72] OZYHAR, TOMASZ, CH
[72] KRITZINGER, JOHANNES, CH
[72] HUNZIKER, PHILIPP, CH
[71] OMYA INTERNATIONAL AG, CH
[85] 2016-10-31
[86] 2015-04-28 (PCT/EP2015/059193)
[87] (WO2015/173008)
[30] EP (14168478.7) 2014-05-15
[30] US (62/001,716) 2014-05-22

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[21] **2,947,440**
[13] A1
[51] **Int.Cl. A61M 39/10 (2006.01) A61M 25/00 (2006.01) A61M 39/08 (2006.01) A61M 39/12 (2006.01)**
[25] EN
[54] **CATHETER CONNECTOR INSERT**
[54] **INSERT DE RACCORD DE CATHETER**
[72] HSU, KENNETH CHEN-TSE, US
[72] KHALAJ, STEVE SAEED, US
[71] AVENT, INC., US
[85] 2016-10-28
[86] 2015-05-13 (PCT/US2015/030504)
[87] (WO2015/179180)
[30] US (14/282,087) 2014-05-20

[21] **2,947,445**
[13] A1
[51] **Int.Cl. A61B 17/70 (2006.01) A61B 17/80 (2006.01) A61B 17/86 (2006.01) A61B 17/88 (2006.01) A61F 2/44 (2006.01)**
[25] EN
[54] **IMPLANT FIXATION ASSEMBLIES HAVING A SCREW AND C-SHAPED FIXATION COLLAR**
[54] **ENSEMBLES DE FIXATION D'IMPLANT COMPORTANT UNE VIS ET UN COLLIER DE FIXATION EN « C »**
[72] KENNEDY, ERIC, US
[72] PATTERSON, CHAD J., US
[72] THOMPSON, CARMIE A., US
[71] TITAN SPINE, LLC, US
[85] 2016-10-28
[86] 2015-05-08 (PCT/US2015/029816)
[87] (WO2015/171976)
[30] US (14/272,557) 2014-05-08

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[21] **2,947,449**
[13] A1
[51] **Int.Cl. C09D 17/00 (2006.01) C09B 67/42 (2006.01) C09C 3/04 (2006.01)**
[25] EN
[54] **SOLID COLORANT FOR TINTING PAINT**
[54] **COLORANT SOLIDE UTILISABLE POUR TEINTER LA PEINTURE**
[72] THOMMASSEN, PETER, NL
[72] UUSITALO, ANNE-MARJA, NL
[72] ROIJEN-HUIJNEN, JUDITH, NL
[71] CHROMAFLO TECHNOLOGIES EUROPE B.V., NL
[85] 2016-10-31
[86] 2015-04-29 (PCT/EP2015/059393)
[87] (WO2015/165994)
[30] EP (14166812.9) 2014-05-01

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[21] **2,947,461**
[13] A1
[51] **Int.Cl. C03B 19/08 (2006.01) C03C 11/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PRODUCTION OF FOAMED GLASS AND A FOAMED GLASS MATERIAL**
[54] **APPAREIL ET PROCEDE DE PRODUCTION DE VERRE CELLULAIRE ET MATERIAU DE VERRE CELLULAIRE**
[72] SVEINSBO, GUNNAR, NO
[72] SOLVANG, FINN ERIK, NO
[71] GLASSOLITE LTD., GB
[85] 2016-10-31
[86] 2015-05-04 (PCT/EP2015/059719)
[87] (WO2015/169749)
[30] US (61/988,335) 2014-05-05

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[21] **2,947,464**
[13] A1
[51] **Int.Cl. C23C 22/34 (2006.01) B05D 1/18 (2006.01) B05D 7/14 (2006.01) B05D 7/16 (2006.01) C08K 3/16 (2006.01) C08L 101/00 (2006.01) C23C 22/68 (2006.01) C23C 22/78 (2006.01)**
[25] EN
[54] **METHOD FOR COATING METAL SURFACES OF SUBSTRATES AND OBJECTS COATED IN ACCORDANCE WITH SAID METHOD**
[54] **PROCEDE DE REVETEMENT DE SURFACES METALLIQUES DE SUBSTRATS ET OBJETS REVETUS SELON CE PROCEDE**
[72] BREMSER, WOLFGANG, DE
[72] DROLL, MARTIN, DE
[72] SEEWALD, OLIVER, DE
[72] NIESEN-WARKENTIN, EVGENIJA, DE
[72] SCHACHTSIEK, LARS, DE
[72] TRAUT, MANUEL, DE
[72] SCHWAMB, MICHAEL, DE
[72] WASSERFALLEN, DANIEL, DE
[72] SOTKE, VERA, DE
[72] FRENKEL, ALIAKSANDR, DE
[72] EILINGHOFF, RON, DE
[72] GEROLD, STEPHANIE, DE
[71] CHEMETALL GMBH, DE
[85] 2016-10-31
[86] 2015-05-12 (PCT/EP2015/060461)
[87] (WO2015/173232)
[30] DE (10 2014 209 083.0) 2014-05-14

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[21] **2,947,470**
[13] A1
[51] **Int.Cl. A61M 39/10 (2006.01) A61M 25/00 (2006.01) A61M 39/06 (2006.01) A61M 39/20 (2006.01)**
[25] EN
[54] **CATHETER CONNECTOR INSERT**
[54] **INSERT DE RACCORD DE CATHETER**
[72] KHALAJ, STEVE SAEED, US
[71] AVENT, INC., US
[85] 2016-10-28
[86] 2015-05-13 (PCT/US2015/030510)
[87] (WO2015/175624)
[30] US (14/279,969) 2014-05-16

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[21] **2,947,481**
[13] A1
[51] **Int.Cl. F24F 13/02 (2006.01)**
[25] EN
[54] **EXTERNALLY TENSIONED PLIABLE AIR DUCTS**
[54] **CONDUITS D'AIR PLIABLES EXTERIEUREMENT TENDUS**
[72] PINKALLA, CARY, US
[72] LOGIC, JEFF, US
[72] GEBKE, KEVIN J., US
[72] KAUFMANN, NICHOLAS L., US
[71] RITE-HITE HOLDING CORPORATION, US
[85] 2016-10-28
[86] 2015-05-18 (PCT/US2015/031356)
[87] (WO2015/183614)
[30] US (14/290,543) 2014-05-29

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[21] **2,947,490**
[13] A1
[51] **Int.Cl. C08G 18/81 (2006.01) C08G 18/08 (2006.01) C08L 75/14 (2006.01) C09D 175/14 (2006.01)**
[25] EN
[54] **RADIATION CURABLE AQUEOUS COMPOSITIONS WITH CONTROLLED POLYMER FLOW**
[54] **COMPOSITIONS AQUEUSES DURCISSABLES PAR UN RAYONNEMENT DOTEES D'UN ECOULEMENT REGULE DU POLYMERE**
[72] TIELEMANS, MICHEL, BE
[72] SALVIATO, JEAN-YVES, BE
[72] BAURANT, JEAN-NOEL, BE
[71] ALLNEX BELGIUM, S.A., BE
[85] 2016-10-31
[86] 2015-05-19 (PCT/EP2015/060998)
[87] (WO2015/177151)
[30] EP (14169199.8) 2014-05-21

[21] **2,947,497**
[13] A1
[51] **Int.Cl. D06M 23/00 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE MAKING IT POSSIBLE TO MODIFY A FEATURE OF A WIRE ELEMENT, IN PARTICULAR THE DISTANCE SEPARATING THE TWO ENDS THEREOF**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE MODIFIER UNE CARACTERISTIQUE D'UN ELEMENT FILAIRE, NOTAMMENT LA DISTANCE SEPARANT SES DEUX EXTREMITES**
[72] ELETTRO, HERVE, FR
[72] ANTKOWIAK, ARNAUD, FR
[72] NEUKIRCH, SEBASTIEN, FR
[72] VOLLRATH, FRITZ, GB
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[71] UNIVERSITE PIERRE ET MARIE CURIE, FR
[85] 2016-10-27
[86] 2015-04-30 (PCT/FR2015/051163)
[87] (WO2015/166190)
[30] FR (1453960) 2014-04-30

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[21] **2,947,500**
[13] A1
[51] **Int.Cl. B66C 6/00 (2006.01)**
[25] EN
[54] **CRAIN GIRDER FOR A CRANE, IN PARTICULAR FOR AN OVERHEAD OR GANTRY CRANE, AND A CRANE COMPRISING SUCH A GIRDER**
[54] **POUTRE DE GRUE, EN PARTICULIER POUR UNE GRUE A PORTIQUE OU UN PONT ROULANT, ET GRUE EQUIPEE D'UNE TELLE POUTRE**
[72] PASSMANN, CHRISTOPH, DE
[72] KREISNER, RICHARD, DE
[72] SCHLIERBACH-KNOBLOCH, THOMAS, DE
[72] NOLL, STEFAN, DE
[72] SCHULTE, FRANZ, DE
[71] TEREX MHPS GMBH, DE
[85] 2016-10-31
[86] 2015-05-21 (PCT/EP2015/061291)
[87] (WO2015/177292)
[30] DE (10 2014 107 323.1) 2014-05-23

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[21] **2,947,501**
[13] A1
[51] **Int.Cl. E01C 13/08 (2006.01) D05C 15/08 (2006.01) D05C 17/02 (2006.01)**
[25] EN
[54] **MAT FOR FORMING AN ARTIFICIAL LAWN AND PROCESS FOR PRODUCING SUCH A MAT**
[54] **TAPIS POUR FORMER UN GAZON ARTIFICIEL ET PROCEDE DE FABRICATION D'UN TEL TAPIS**
[72] BEAUPREZ, MATHIJS, BE
[72] DE RUDDER, KJELL, BE
[72] VANCOILLIE, FRANK, BE
[72] VERLEYEN, MARC, BE
[71] BFS EUROPE NV, BE
[85] 2016-10-31
[86] 2015-06-02 (PCT/EP2015/062278)
[87] (WO2015/185562)
[30] EP (14170811.5) 2014-06-02

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[21] **2,947,510**
[13] A1
[51] **Int.Cl. A61K 33/00 (2006.01) A61K 9/72 (2006.01) A61K 31/353 (2006.01) A61K 31/355 (2006.01) A61P 25/28 (2006.01) A61P 39/06 (2006.01)**
[25] FR
[54] **COMBINATION OF XENON AND AN ANTIOXIDANT TO CONTROL A PARKINSON'S DISEASE-TYPE NEURODEGENERATIVE DISEASE**
[54] **ASSOCIATION DE XENON ET D'UN ANTIOXYDANT POUR LUTTER CONTRE UNE MALADIE NEURODEGENERATIVE DE TYPE MALADIE DE PARKINSON**
[72] LAVAUR, JEREMIE, FR
[72] HIRSCH, ETIENNE, FR
[72] MICHEL, PATRICK, FR
[72] LEMAIRE, MARC, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[71] L'INSTITUT DU CERVEAU ET DE LA MOELLE EPINIERE, FR
[85] 2016-10-31
[86] 2015-05-12 (PCT/FR2015/051241)
[87] (WO2015/177435)
[30] FR (1454586) 2014-05-21

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[21] **2,947,511**
[13] A1
[51] **Int.Cl. B01F 15/00 (2006.01) B01F 7/02 (2006.01) B66B 7/02 (2006.01) F16B 2/04 (2006.01) F16B 7/04 (2006.01)**
[25] EN
[54] **GUIDE RAIL ASSEMBLY AS WELL AS GUIDE RAIL HOLDER**
[54] **ENSEMBLE RAIL DE GUIDAGE AINSI QUE SUPPORT DE RAIL DE GUIDAGE**
[72] HALLGREN, GERT, SE
[71] XYLEM IP MANAGEMENT S.A R.L., LU
[85] 2016-10-31
[86] 2015-04-28 (PCT/IB2015/053071)
[87] (WO2015/170222)
[30] SE (1450540-8) 2014-05-07

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[21] **2,947,522**
[13] A1
[51] **Int.Cl. F16B 15/08 (2006.01)**
[25] EN
[54] **STRIP OF NAILS MADE OF WOODY PLANT MATERIAL**
[54] **BANDE DE CLOUS FAITE D~UN MATERIAU VEGETAL LIGNEUX**
[72] SIEMERS, STEFAN, DE
[72] KORTE, HANS, DE
[71] RAIMUND BECK KG, AT
[85] 2016-11-04
[86] 2016-05-11 (PCT/EP2016/060603)
[87] (2947522)
[30] DE (10 2015 107 371.4) 2015-05-11

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[21] **2,947,620**
[13] A1
[51] **Int.Cl. B66C 6/00 (2006.01)**
[25] EN
[54] **CRANE GIRDER FOR A CRANE**
[54] **POUTRE POUR GRUE**
[72] KLAPPER, GEORG, AT
[71] HANS KUNZ GMBH, AT
[85] 2016-11-01
[86] 2015-05-19 (PCT/AT2015/000075)
[87] (WO2015/179887)
[30] AT (A 408/2014) 2014-05-26

[21] **2,947,639**
[13] A1
[51] **Int.Cl. E01D 22/00 (2006.01) E01D 4/00 (2006.01)**
[25] EN
[54] **METHOD OF ENLARGING THE SPACE BENEATH A MASONRY ARCH BRIDGE, AND A MASONRY ARCH BRIDGE**
[54] **PROCEDE D'AGRANDISSEMENT DE L'ESPACE EN DESSOUS D'UN PONT A ARCHE EN MACONNERIE, ET UN PONT A ARCHE EN MACONNERIE**
[72] BENNETT, KEVIN JOHN, GB
[72] HARVEY, WILLIAM JOHN, GB
[71] SOLETANCHE FREYSSINET S.A.S., FR
[85] 2016-11-01
[86] 2015-05-01 (PCT/EP2015/059630)
[87] (WO2015/166103)
[30] GB (1407868.7) 2014-05-02
[30] GB (1420921.7) 2014-11-25
[30] GB (1501828.6) 2015-02-04

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[21] **2,947,643**
[13] A1
[51] **Int.Cl. H04W 24/00 (2009.01) H04W 64/00 (2009.01) H04B 17/309 (2015.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR NETWORK ERROR DETECTION**
[54] **PROCEDE ET SYSTEME POUR DETECTION D'ERREUR DE RESEAU**
[72] KARLSSON, MATS, SE
[71] ICOMERA AB, SE
[85] 2016-11-01
[86] 2015-05-06 (PCT/EP2015/059951)
[87] (WO2015/169855)
[30] EP (14167528.0) 2014-05-08

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[21] **2,947,644**
[13] A1
[51] **Int.Cl. H04H 60/27 (2009.01) H04H 20/62 (2009.01) H04N 21/414 (2011.01) H04N 21/433 (2011.01) H04N 21/436 (2011.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR BANDWIDTH CONSTRAINED MEDIA STREAMING TO A MOVING VEHICLE**
[54] **PROCEDE ET SYSTEME PERMETTANT UNE TRANSMISSION DE CONTENU MULTIMEDIA EN CONTINU LIMITEE DE BANDE PASSANTE A UN VEHICULE EN MOUVEMENT**
[72] KARLSSON, MATS, SE
[72] EIKMAN, VIKTOR, SE
[71] ICOMERA AB, SE
[85] 2016-11-01
[86] 2015-05-07 (PCT/EP2015/060075)
[87] (WO2015/169902)
[30] EP (14167519.9) 2014-05-08

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[21] **2,947,655**
[13] A1
[51] **Int.Cl. H04W 24/06 (2009.01) H04W 40/12 (2009.01) H04W 80/08 (2009.01)**
[25] EN
[54] **WIRELESS COMMUNICATION SYSTEM FOR MOVING VEHICLES**
[54] **SYSTEME DE COMMUNICATION SANS FIL POUR DES VEHICULES EN DEPLACEMENT**
[72] EIKMAN, VIKTOR, SE
[72] THUNBERG, ANDREAS, SE
[72] ULMESTRAND, ARON, SE
[71] ICOMERA AB, SE
[85] 2016-11-01
[86] 2015-05-07 (PCT/EP2015/060094)
[87] (WO2015/169917)
[30] EP (14167527.2) 2014-05-08

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[21] **2,947,656**
[13] A1
[51] **Int.Cl. E04F 15/02 (2006.01) E04F 15/04 (2006.01) E04F 15/10 (2006.01)**
[25] EN
[54] **SURFACE COATING STRUCTURE ADAPTED TO BE QUICKLY INSTALLED AND REMOVED**
[54] **STRUCTURE DE REVETEMENT DE SURFACE ADAPTEE POUR ETRE RAPIDEMENT INSTALLEE ET RETIREE**
[72] AQUILANI, ENRICO, IT
[71] I DECK S.R.L., IT
[85] 2016-11-01
[86] 2015-04-27 (PCT/IB2015/052666)
[87] (WO2015/170205)
[30] IT (RM2014A000219) 2014-05-05

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[21] **2,947,670**
[13] A1
[51] **Int.Cl. A01N 25/04 (2006.01) A01N 25/14 (2006.01) A01N 43/36 (2006.01) A01N 43/653 (2006.01) A01N 43/80 (2006.01) A01N 47/24 (2006.01) A01N 53/08 (2006.01) A01P 3/00 (2006.01) A01P 7/00 (2006.01) A01P 13/00 (2006.01) A01P 21/00 (2006.01)**
[25] EN
[54] **AGROCHEMICAL SUSPOEMULSION COMPRISING POLYMER PARTICLES MADE OF METHYL (METH)ACRYLATE AND C2-C12 ALKYL (METH)ACRYLATE**
[54] **SUSPO-EMULSIONS AGROCHIMIQUES COMPRENANT DES PARTICULES DE POLYMERE CONSTITUEES DE (METH)ACRYLATE DE METHYLE ET DE (METH)ACRYLATE D'ALKYLE EN C2 A C12**
[72] AUWETER, HELMUT, DE
[72] XU, WEN, US
[72] RUMLEY, MEGAN, US
[72] KRAYER, MICHAEL, US
[71] BASF SE, DE
[85] 2016-11-01
[86] 2015-05-28 (PCT/EP2015/061789)
[87] (WO2015/185430)
[30] US (62/006910) 2014-06-03
[30] US (62/033141) 2014-08-05
[30] EP (14180353.6) 2014-08-08
[30] EP (14180602.6) 2014-08-12
[30] EP (14180592.9) 2014-08-12

[21] **2,947,673**
[13] A1
[51] **Int.Cl. F27D 3/16 (2006.01) F27D 21/02 (2006.01) F27D 19/00 (2006.01)**
[25] EN
[54] **METAL MAKING LANCE WITH SPRING-LOADED THERMOCOUPLE OR CAMERA IN LANCE TIP**
[54] **LANCE PERMETTANT LA FABRICATION DE METAL DONT L'EMBOUT EST POURVU D'UN APPAREIL PHOTOGRAPHIQUE OU D'UN THERMOCOUPLE A RESSORT**
[72] DENGEL, DEREK S., US
[71] BERRY METAL COMPANY, US
[85] 2016-11-01
[86] 2015-03-16 (PCT/US2015/020782)
[87] (WO2015/139045)
[30] US (61/952,997) 2014-03-14

[21] **2,947,681**
[13] A1
[51] **Int.Cl. B26D 1/03 (2006.01) B26D 3/18 (2006.01) B26D 7/06 (2006.01) B26D 1/02 (2006.01) B26D 3/26 (2006.01)**
[25] EN
[54] **MANUFACTURE OF POTATO CHIPS**
[54] **COUPE DE GROSSES POMMES DE TERRE**
[72] KHAN, AHMED NADIM, GB
[72] LINGARD, NEAL, GB
[71] FRITO-LAY TRADING COMPANY GMBH, CH
[85] 2016-11-01
[86] 2015-05-28 (PCT/EP2015/061799)
[87] (WO2015/181273)
[30] GB (1409546.7) 2014-05-29
[30] GB (1503397.0) 2015-02-27

[21] **2,947,690**
[13] A1
[51] **Int.Cl. B65G 45/16 (2006.01)**
[25] EN
[54] **BELT STRIPPER HAVING MODULE INCLINATION**
[54] **RACLEUR DE COURROIE A POSITION OBLIQUE DU MODULE**
[72] SCHWARZE, HANS-OTTO, DE
[71] SCHWARZE, HANS-OTTO, DE
[85] 2016-11-01
[86] 2015-04-23 (PCT/EP2015/000837)
[87] (WO2015/165577)
[30] DE (10 2014 006 281.3) 2014-05-02

[21] **2,947,693**
[13] A1
[51] **Int.Cl. F16K 17/04 (2006.01) F16K 17/40 (2006.01)**
[25] EN
[54] **PRESSURE RELEASE VALVE FOR OIL RECOVERY SYSTEMS**
[54] **SOUPAPE DE DECHARGE DE PRESSION POUR SYSTEMES DE RECUPERATION D'HUILE**
[72] GOEHLER, DANNIE, US
[72] SCANTLIN, GARY, US
[71] BS&B INNOVATION LIMITED, IE
[85] 2016-10-31
[86] 2015-05-01 (PCT/US2015/028802)
[87] (WO2015/168558)
[30] US (61/996,246) 2014-05-02

[21] **2,947,694**
[13] A1
[51] **Int.Cl. E21B 19/07 (2006.01) E21B 19/06 (2006.01) E21B 19/10 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **INTERLOCK SYSTEM AND METHOD FOR DRILLING RIG**
[54] **SYSTEME DE VERROUILLAGE MUTUEL ET PROCEDE POUR APPAREIL DE FORAGE**
[72] GREENING, DOUGLAS, CA
[72] DEWALD, BRIAN, CA
[71] TESCO CORPORATION, US
[85] 2016-11-01
[86] 2015-04-27 (PCT/US2015/027810)
[87] (WO2015/168027)
[30] US (14/268,730) 2014-05-02

[21] **2,947,695**
[13] A1
[51] **Int.Cl. B22C 1/22 (2006.01)**
[25] EN
[54] **INVESTMENT CASTING COMPOSITIONS, MOLDS, AND RELATED METHODS**
[54] **COMPOSITIONS DE MOULAGE A LA CIRE PERDUE, MOULES, ET PROCEDES ASSOCIES**
[72] WHITEHOUSE, CHRISTOPHER A., US
[72] SNYDER, WILLIAM S., JR., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2016-11-01
[86] 2015-04-29 (PCT/US2015/028193)
[87] (WO2015/168233)
[30] US (61/987,604) 2014-05-02

[21] **2,947,699**
[13] A1
[51] **Int.Cl. C09K 15/04 (2006.01) C08J 3/20 (2006.01) C08K 5/00 (2006.01)**
[25] EN
[54] **STABILIZING COMPOSITIONS FOR STABILIZING MATERIALS AGAINST ULTRAVIOLET LIGHT AND THERMAL DEGRADATION**
[54] **COMPOSITIONS STABILISANTES PERMETTANT DE STABILISER DES MATERIAUX CONTRE LA LUMIERE ULTRAVIOLETTE ET LA DEGRADATION THERMIQUE**
[72] GUPTA, RAM B., US
[72] ENG, JERRY MON HEI, US
[72] KHAWAM, FADI, US
[72] KAMAT, RANJAN KUMAR, US
[71] CYTEC INDUSTRIES INC., US
[85] 2016-11-01
[86] 2015-04-30 (PCT/US2015/028484)
[87] (WO2015/168389)
[30] US (61/987,133) 2014-05-01

[21] **2,947,716**
[13] A1
[51] **Int.Cl. C08L 67/02 (2006.01) B32B 27/36 (2006.01)**
[25] EN
[54] **TRANSESTERIFIED FURAN BASED POLYESTERS AND ARTICLES MADE THEREFROM**
[54] **POLYESTERS A BASE DE FURANE TRANSESTERIFIE ET ARTICLES COMPOSES DE CES DERNIERS**
[72] BRUN, YEFIM, US
[72] CASTAGNA, ALICIA MARIE, US
[72] LIAO, KEN-HSUAN, US
[72] NEDERBERG, FREDRIK, SE
[72] FORRESTER MCCORD, ELIZABETH, US
[72] RASMUSSEN, CHRISTOPHER JOHN, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2016-11-01
[86] 2015-05-01 (PCT/US2015/028807)
[87] (WO2015/168563)
[30] US (61/987,031) 2014-05-01

[21] **2,947,757**
[13] A1
[51] **Int.Cl. C08L 33/26 (2006.01) C08J 3/09 (2006.01) C08J 3/20 (2006.01) C08K 5/06 (2006.01) C08K 5/101 (2006.01) C08K 5/5419 (2006.01) C09K 8/36 (2006.01) C09K 8/64 (2006.01) C09K 8/74 (2006.01) E21B 21/14 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **STABILIZATION OF POLYACRYLAMIDE EMULSION FORMULATIONS**
[54] **STABILISATION DE FORMULATIONS D'EMULSION DE POLYACRYLAMIDE**
[72] KUMAR, MUKESH, US
[72] KOCZO, KALMAN, US
[72] TERRACINA, JOHN, US
[71] MOMENTIVE PERFORMANCE MATERIALS INC., US
[85] 2016-11-01
[86] 2015-05-13 (PCT/US2015/030516)
[87] (WO2015/175627)
[30] US (14/279,563) 2014-05-16

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[21] **2,947,765**
[13] A1
[51] **Int.Cl. H01M 10/658 (2014.01) H01M 10/653 (2014.01) H01M 2/02 (2006.01)**
[25] EN
[54] **PASSIVE INSULATION MATERIALS**
[54] **MATERIAUX D'ISOLATION PASSIVE**
[72] BOWERSOCK, RICKY EDWARD, US
[72] GAYMAN, GARY EUGENE, US
[72] STREET, JASON PETER, US
[72] ONNERUD, TORD PER, US
[72] SHI, JAY JIE, US
[71] THERMAL CERAMICS, INC., US
[85] 2016-11-01
[86] 2015-05-21 (PCT/US2015/031899)
[87] (WO2015/179597)
[30] US (61/997,082) 2014-05-21
[30] US (62/107,630) 2015-01-26
[30] US (62/107,845) 2015-01-26

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[21] **2,947,766**
[13] A1
[51] **Int.Cl. C03C 8/00 (2006.01) C23D 5/00 (2006.01)**
[25] EN
[54] **GLASS COMPOSITE SUITABLE FOR PROVIDING A PROTECTIVE COATING ON UNTREATED SUBSTRATES**
[54] **COMPOSITE DE VERRE APPROPRIE POUR OBTENIR UN REVETEMENT PROTECTEUR SUR DES SUBSTRATS NON TRAITES**
[72] SCHLEGEL, CHRISTIAN, US
[72] DAVIES, JON, US
[72] KOENIGSTEIN, MIKE, US
[71] PRINCE MINERALS LLC, US
[85] 2016-11-01
[86] 2015-05-12 (PCT/US2015/030321)
[87] (WO2015/175499)
[30] US (61/991,890) 2014-05-12

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[21] **2,947,787**
[13] A1
[51] **Int.Cl. A47J 37/07 (2006.01) A47J 37/06 (2006.01)**
[25] EN
[54] **GRILL-TEPPANYAKI (TEPPAN-SUMIYAKI)**
[54] **GRILLE POUR TEPPANYAKI**
[72] KUSE, KOLJA, DE
[71] KUSE, KOLJA, DE
[85] 2016-11-02
[86] 2015-05-31 (PCT/EP2015/001104)
[87] (WO2015/172893)
[30] DE (20 2014 003 842.2) 2014-05-07

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[21] **2,947,788**
[13] A1
[51] **Int.Cl. C09D 167/06 (2006.01) C08J 7/04 (2006.01) C09D 123/02 (2006.01) C09D 133/06 (2006.01) C09D 151/08 (2006.01)**
[25] EN
[54] **DIRECTLY ATTACHING, HALOGEN-FREE, FAST-DRYING, HEAT-SEALING BINDER FOR SEALING POLYESTER FILMS TO POLYSTYRENE, POLYESTER OR PVC**
[54] **LIANT DE THERMOSOUDAGE A ADHERENCE DIRECTE, A SECHAGE RAPIDE ET SANS HALOGENE POUR LE SCELLEMENT DE FILMS DE POLYESTER A DU POLYSTYRENE, DU POLYESTER OU DU PVC**
[72] HENNIG, ANDRE, DE
[72] ARNOLD, THOMAS, DE
[72] WICKE, MICHAEL, DE
[72] HARTMANN, JURGEN, DE
[72] KELLER, BRUNO, DE
[72] SCHMITT, GUNTER, DE
[72] WALDHAUS, MICHAEL, DE
[71] EVONIK ROHM GMBH, DE
[85] 2016-11-02
[86] 2015-05-07 (PCT/EP2015/060057)
[87] (WO2015/169897)
[30] DE (10 2014 208 608.6) 2014-05-08

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[21] **2,947,794**
[13] A1
[51] **Int.Cl. C25D 9/10 (2006.01) C25D 5/04 (2006.01) C25D 7/06 (2006.01)**
[25] EN
[54] **METHOD FOR PLATING A MOVING METAL STRIP AND COATED METAL STRIP PRODUCED THEREBY**
[54] **PROCEDE PERMETTANT DE PLAQUER UNE BANDE METALLIQUE MOBILE, ET BANDE METALLIQUE REVETUE AINSI PRODUITE**
[72] WIJENBERG, JACQUES HUBERT OLGA JOSEPH, NL
[72] LINK, JEROEN MARTIJN, NL
[71] TATA STEEL IJMUIDEN B.V., NL
[85] 2016-11-02
[86] 2015-05-21 (PCT/EP2015/061332)
[87] (WO2015/177314)
[30] EP (14169312.7) 2014-05-21

[21] **2,947,795**
[13] A1
[51] **Int.Cl. A61M 5/28 (2006.01) A61J 1/06 (2006.01) A61M 5/24 (2006.01) A61M 5/315 (2006.01)**
[25] EN
[54] **A MEDICAL CARTRIDGE COMPRISING A ONE WAY VALVE**
[54] **CARTOUCHE MEDICALE COMPRENANT UNE VALVE ANTIREFLUX**
[72] JOHANSEN, ESBEN W., DK
[72] KURE, NIELS, DK
[72] LEISNER, HENRIK, DK
[71] MEDICOM INNOVATION PARTNER A/S, DK
[85] 2016-11-02
[86] 2015-05-18 (PCT/EP2015/060874)
[87] (WO2015/177082)
[30] DK (PA 2014 00268) 2014-05-19

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[21] **2,947,797**
[13] A1
[51] **Int.Cl. B60G 3/20 (2006.01)**
[25] EN
[54] **VEHICLE SUSPENSION**
[54] **SUSPENSION DE VEHICULE**
[72] COPPUCK, FRANK, GB
[71] GORDON MURRAY DESIGN LIMITED, GB
[85] 2016-11-02
[86] 2015-05-08 (PCT/EP2015/060189)
[87] (WO2015/169948)
[30] GB (1408114.5) 2014-05-08

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[21] **2,947,810**
[13] A1
[51] **Int.Cl. E05B 63/04 (2006.01) E05C 19/02 (2006.01)**
[25] EN
[54] **LOCK FOR LEFT OR RIGHT HAND OPERATION**
[54] **SERRURE POUR FONCTIONNEMENT A GAUCHE OU A DROITE**
[72] ALFREDSSON, BENGT-AKE, SE
[71] INDUSTRILAS I NASSJO AKTIEBOLAG, SE
[85] 2016-11-02
[86] 2015-05-11 (PCT/EP2015/060335)
[87] (WO2015/173176)
[30] EP (14167819.3) 2014-05-12

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[21] **2,947,850**
[13] A1
[51] **Int.Cl. B05B 7/02 (2006.01) B08B 3/02 (2006.01) B08B 13/00 (2006.01)**
[25] EN
[54] **SPRAYER WITH A SELECTIVELY PIVOTABLE AND LOCKABLE ATTACHMENT-MOUNTING ARM**
[54] **PULVERISATEUR A BRAS DE MONTAGE D'ACCESSOIRE SELECTIVEMENT PIVOTANT ET VERROUILLABLE**
[72] TALBOT, COREY, US
[72] METAXATOS, PAUL, US
[72] MCGEE, JAMES, US
[72] NAPOLITAN, JULIE, US
[72] NEVIN, JOEL, US
[72] FARLAND, RICHARD M., US
[71] TALBOT, COREY, US
[71] HYDE TOOLS, INC., US
[71] METAXATOS, PAUL, US
[71] MCGEE, JAMES, US
[71] NAPOLITAN, JULIE, US
[71] NEVIN, JOEL, US
[71] FARLAND, RICHARD M., US
[85] 2016-11-03
[86] 2014-05-08 (PCT/US2014/037219)
[87] (WO2014/182860)
[30] US (61/820,840) 2013-05-08
[30] US (14/269,193) 2014-05-04

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[21] **2,947,854**
[13] A1
[51] **Int.Cl. C09D 175/06 (2006.01)**
[25] EN
[54] **PRIMER COATING COMPOSITION**
[54] **COMPOSITION DE REVETEMENT D'APPRET**
[72] THOMAS, STEPHEN J., US
[72] DENG, JUN, US
[72] KIBLER, KIMBERLY S., US
[72] MARTZ, JOHNATHAN T., US
[72] SCHUMACHER, STEVEN D., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2016-11-02
[86] 2015-04-17 (PCT/US2015/026321)
[87] (WO2015/161167)
[30] US (14/254,920) 2014-04-17

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[21] **2,947,857**
[13] A1
[51] **Int.Cl. C23C 22/34 (2006.01) C23C 22/80 (2006.01) C23C 22/83 (2006.01) C25D 5/34 (2006.01)**
[25] EN
[54] **METAL PRETREATMENT MODIFICATION FOR IMPROVED THROWPOWER**
[54] **MODIFICATION DE PRETRAITEMENT DE METAL POUR UN POUVOIR DE PENETRATION AMELIORE**
[72] SILVERNAIL, NATHAN J., US
[72] KRUSZEWSKI, KRISTEN M., US
[72] SYLVESTER, KEVIN T., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2016-11-02
[86] 2015-04-30 (PCT/US2015/028450)
[87] (WO2015/171413)
[30] US (14/269,628) 2014-05-05

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[21] **2,947,860**
[13] A1
[51] **Int.Cl. A61B 46/23 (2016.01) A61B 46/00 (2016.01) A61B 46/10 (2016.01) A61B 46/13 (2016.01)**
[25] EN
[54] **SURGICAL DRAPE WITH STERILE SYSTEM ACCESS**
[54] **CHAMP OPERATOIRE AVEC ACCES DE SYSTEME STERILE**
[72] LIVESEY, RICHARD L., US
[71] AVENT, INC., US
[85] 2016-11-02
[86] 2015-05-04 (PCT/US2015/029005)
[87] (WO2015/183474)
[30] US (14/287,563) 2014-05-27

[21] **2,947,868**
[13] A1
[51] **Int.Cl. C08F 210/16 (2006.01) C08J 5/18 (2006.01) C08F 4/6592 (2006.01)**
[25] EN
[54] **HIGH PERFORMANCE MOISTURE BARRIER FILMS AT LOWER DENSITIES**
[54] **FILMS BARRIERES A HAUTE PERFORMANCE A DE FAIBLES DENSITES**
[72] HLAVINKA, MARK L., US
[72] ST JEAN, GUYLAINE, US
[72] YANG, QING, US
[72] GAGAN, DELORIS R., US
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
[85] 2016-11-02
[86] 2015-05-05 (PCT/US2015/029205)
[87] (WO2015/171588)
[30] US (61/989,858) 2014-05-07
[30] US (14/278,303) 2014-05-15

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[21] **2,947,910**
[13] A1
[51] **Int.Cl. A61B 5/08 (2006.01) A61B 5/00 (2006.01) A61B 5/0295 (2006.01) A61B 5/083 (2006.01) A61B 5/1455 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ANALYZING A RESPIRATORY PARAMETER**
[54] **SYSTEMES ET PROCEDES D'ANALYSE D'UN PARAMETRE RESPIRATOIRE**
[72] WOLSTENCROFT, JAMES, GB
[72] ADDISON, PAUL S., GB
[72] WATSON, JAMES N., GB
[71] COVIDIEN LP, US
[85] 2016-11-02
[86] 2015-06-05 (PCT/US2015/034438)
[87] (WO2015/188079)
[30] US (62/008,646) 2014-06-06
[30] US (14/730,697) 2015-06-04

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[21] **2,947,921**
[13] A1
[51] **Int.Cl. A61M 15/00 (2006.01) A61M 15/08 (2006.01) B65D 83/44 (2006.01) B65D 83/54 (2006.01)**
[25] EN
[54] **AEROSOL DEVICE**
[54] **DISPOSITIF D'AEROSOL**
[72] POWER, JAMES NOEL, IE
[72] KAAR, SIMON, IE
[72] GIBBS, ANDREW, GB
[71] NORTON (WATERFORD) LIMITED, IE
[85] 2016-11-03
[86] 2015-05-13 (PCT/EP2015/060663)
[87] (WO2015/169974)

---

[21] **2,947,934**
[13] A1
[51] **Int.Cl. F16L 1/028 (2006.01) E21B 7/18 (2006.01) E21B 7/28 (2006.01) H02G 1/06 (2006.01)**
[25] EN
[54] **CONVEYANCE MEMBER REMOVAL METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF D'ENLEVEMENT D'ELEMENT DE TRANSPORT**
[72] FITZGERALD, JOHN, GB
[71] JSM CONSTRUCTION LIMITED, GB
[85] 2016-11-03
[86] 2015-05-07 (PCT/GB2015/051343)
[87] (WO2015/170104)
[30] GB (1408164.0) 2014-05-08
[30] GB (1422808.4) 2014-12-19

---

[21] **2,947,942**
[13] A1
[51] **Int.Cl. C08L 1/02 (2006.01) C04B 16/02 (2006.01) C08L 5/00 (2006.01) C09D 7/12 (2006.01) C12P 19/00 (2006.01) D21H 11/20 (2006.01) C08H 8/00 (2010.01) C08B 15/00 (2006.01)**
[25] EN
[54] **CELLULOSE MICROFIBRILS**
[54] **MICROFIBRILLES DE CELLULOSE**
[72] HEPWORTH, DAVID, GB
[72] WHALE, ERIC, GB
[72] CASSLAND, BJOERN LENNART PIERRE ALEXANDER, SE
[72] LUND, HENRIK, DK
[72] KALUM, LISBETH, DK
[72] ULVSKOV, PETER, DK
[72] JORGENSEN, BODIL, DK
[71] CELLUCOMP LTD, GB
[71] NOVOZYMES A/S, DK
[71] UNIVERSITY OF COPENHAGEN, DK
[85] 2016-11-03
[86] 2015-05-21 (PCT/GB2015/051486)
[87] (WO2015/177548)
[30] GB (1409047.6) 2014-05-21

---

[21] **2,947,970**
[13] A1
[51] **Int.Cl. A61K 31/551 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METHOD OF TREATING TRIPLE-NEGATIVE BREAST CANCER USING THIENOTRIAZOLODIAZEPINE COMPOUNDS**
[54] **METHODE DE TRAITEMENT DU CANCER DU SEIN TRIPLE NEGATIF A L'AIDE DE COMPOSES DE THIENOTRIAZOLODIAZEPINE**
[72] KAY, NOEL, US
[72] D'INCALCI, MAURIZIO, IT
[71] ONCOETHIX GMBH, CH
[85] 2016-11-03
[86] 2015-05-08 (PCT/EP2015/060200)
[87] (WO2015/169951)
[30] US (61/990,457) 2014-05-08
[30] US (62/012,048) 2014-06-13
[30] US (62/080,751) 2014-11-17
[30] US (62/086,400) 2014-12-02
[30] US (62/150,044) 2015-04-20

[21] **2,947,980**
[13] A1
[51] Int.Cl. B21B 27/10 (2006.01)
[25] EN
[54] HYBRID OIL AND WATER COOLED ROLLING
[54] LAMINOIR REFROIDI A L'EAU ET A L'HUILE HYBRIDE
[72] GAENSBAUER, DAVID, US
[72] MCNEIL, JIM, US
[71] NOVELIS INC., US
[85] 2016-11-03
[86] 2015-05-08 (PCT/US2015/029878)
[87] (WO2015/172015)
[30] US (61/990,890) 2014-05-09

---

[21] **2,947,981**
[13] A1
[51] Int.Cl. C22C 14/00 (2006.01) C22F 1/18 (2006.01)
[25] EN
[54] TITANIUM ALLOYS AND THEIR METHODS OF PRODUCTION
[54] ALLIAGES DE TITANE ET LEURS PROCEDES DE PRODUCTION
[72] WOODFIELD, ANDREW PHILIP, US
[72] BRODERICK, THOMAS FROATS, US
[72] SHARP, WILLIAM ANDREW II., US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2016-11-03
[86] 2015-05-13 (PCT/US2015/030601)
[87] (WO2016/025045)
[30] US (61/993,346) 2014-05-15

---

[21] **2,947,984**
[13] A1
[51] Int.Cl. A61M 1/12 (2006.01) A61M 1/10 (2006.01)
[25] EN
[54] BLOOD PUMP HOUSING COMPONENT
[54] COMPOSANT DE BOITIER DE POMPE A SANG
[72] CORBETT, SCOTT C., US
[72] QI, ZHONGWEI, US
[72] LEE, KAR, US
[71] ABIOMED, INC., US
[85] 2016-11-03
[86] 2015-05-13 (PCT/US2015/030650)
[87] (WO2015/175711)
[30] US (61/992,835) 2014-05-13

---

[21] **2,947,985**
[13] A1
[51] Int.Cl. A61M 1/10 (2006.01) A61M 1/12 (2006.01)
[25] EN
[54] CANNULA ASSEMBLY
[54] ENSEMBLE CANULE
[72] CORBETT, SCOTT C., US
[72] HASTIE, CAITLYN, US
[71] ABIOMED, INC., US
[85] 2016-11-03
[86] 2015-05-13 (PCT/US2015/030660)
[87] (WO2015/175718)
[30] US (61/992,825) 2014-05-13

---

[21] **2,948,001**
[13] A1
[51] Int.Cl. C25C 1/22 (2006.01) C25C 7/00 (2006.01) H01M 8/02 (2016.01) H01M 12/06 (2006.01)
[25] EN
[54] LANTHANIDE ELECTROCHEMISTRY
[54] ELECTROCHIMIE DES LANTHANIDES
[72] LEDDY, JOHNA, US
[72] KNOCHE, KRYSTI L., US
[71] LEDDY, JOHNA, US
[85] 2016-11-03
[86] 2015-05-12 (PCT/US2015/030286)
[87] (WO2015/175476)
[30] US (61/992,112) 2014-05-12

---

[21] **2,948,014**
[13] A1
[51] Int.Cl. F01D 5/04 (2006.01) F01D 11/00 (2006.01)
[25] EN
[54] RADIAL TURBOMACHINE
[54] TURBOMACHINE RADIALE
[72] SPADACINI, CLAUDIO, IT
[72] RIZZI, DARIO, IT
[71] EXERGY S.P.A., IT
[85] 2016-11-03
[86] 2015-04-30 (PCT/IB2015/053157)
[87] (WO2015/170230)
[30] IT (MI2014A000811) 2014-05-05

---

[21] **2,948,029**
[13] A1
[51] Int.Cl. A45D 26/00 (2006.01)
[25] EN
[54] TEMPLATE FOR FORMING A CONTOUR ON AN EYEBROW
[54] POCHOIR POUR REALISER LE CONTOUR AU NIVEAU D'UN SOURCIL
[72] LEHNER, ANDREA, AT
[71] LEHNER, ANDREA, AT
[85] 2016-11-04
[86] 2015-05-06 (PCT/AT2015/050112)
[87] (WO2015/168717)
[30] AT (A 50321/2014) 2014-05-06

---

[21] **2,948,035**
[13] A1
[51] Int.Cl. C08L 23/26 (2006.01) C08J 3/24 (2006.01) C08K 5/1539 (2006.01) C08K 5/54 (2006.01)
[25] EN
[54] SILANE VULCANIZED THERMOPLASTIC ELASTOMERS
[54] ELASTOMERES THERMOPLASTIQUES VULCANISES AU SILANE
[72] SCHOMBOURG, JACQUES, CH
[71] FALCONE SPECIALITIES AG, CH
[85] 2016-11-04
[86] 2015-05-04 (PCT/CH2015/000073)
[87] (WO2015/168816)
[30] EP (14001615.5) 2014-05-07

---

[21] **2,948,040**
[13] A1
[51] Int.Cl. F16F 15/023 (2006.01) B23B 41/02 (2006.01) B23B 49/02 (2006.01) B23D 77/00 (2006.01) F16F 15/08 (2006.01)
[25] FR
[54] ANTI-VIBRATION DEVICE FOR SHAFT MACHINING
[54] DISPOSITIF ANTI-VIBREUR POUR L'USINAGE D'ARBRE
[72] DEJAUNE, CLAUDE, FR
[72] DOUADY, CYRIL, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2016-10-04
[86] 2015-04-08 (PCT/FR2015/050906)
[87] (WO2015/155469)
[30] FR (1453079) 2014-04-08

[21] **2,948,068**
[13] A1
[51] **Int.Cl. F03D 1/06 (2006.01)**
[25] EN
[54] **NOISE REDUCTION MEANS FOR A ROTOR BLADE OF A WIND TURBINE**
[54] **MOYEN DE REDUCTION DE BRUIT POUR AUBE DE ROTOR D'UNE TURBINE EOLIENNE**
[72] ASHEIM, MICHAEL J., US
[72] LORENZONI, VALERIO, DK
[72] OERLEMANS, STEFAN, DK
[72] OLSEN, ANDERS SMAERUP, DK
[72] SINGH, MANJINDER J., US
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2016-11-04
[86] 2015-03-04 (PCT/EP2015/054496)
[87] (WO2015/169471)
[30] US (61/989,186) 2014-05-06
[30] US (62/022,778) 2014-07-10

---

[21] **2,948,070**
[13] A1
[51] **Int.Cl. A61K 36/84 (2006.01) A61K 9/16 (2006.01) A61K 36/185 (2006.01) A61P 25/20 (2006.01)**
[25] EN
[54] **FAST DISSOLVING GRANULATE**
[54] **GRANULE A DISSOLUTION RAPIDE**
[72] PLOHMANN, BERND, DE
[72] SCHEURING, UWE, DE
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2016-11-04
[86] 2015-05-04 (PCT/EP2015/059667)
[87] (WO2015/169725)
[30] EP (14167048.9) 2014-05-05

---

[21] **2,948,071**
[13] A1
[51] **Int.Cl. A61M 15/00 (2006.01) A61M 11/00 (2006.01) B23K 20/10 (2006.01) G06M 1/02 (2006.01) G06M 1/22 (2006.01) B29C 65/08 (2006.01)**
[25] EN
[54] **CONTAINER, NEBULIZER AND USE**
[54] **CONTENANT, NEBULISEUR ET UTILISATION**
[72] EICHER, JOACHIM, DE
[72] GRAESSL, HERBERT, DE
[72] JANETZKO, MIKE, DE
[72] JUNG, ANDREE, DE
[72] MEISENHEIMER, MARTIN, DE
[72] WACHTEL, HERBERT, DE
[72] WINKLER, ROBERT GERHARD, DE
[72] WUTTKE, GILBERT, DE
[72] YU, YING, DE
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2016-11-04
[86] 2015-05-04 (PCT/EP2015/059691)
[87] (WO2015/169732)
[30] EP (14001603.1) 2014-05-07
[30] EP (14003283.0) 2014-09-23

---

[21] **2,948,072**
[13] A1
[51] **Int.Cl. A61M 15/00 (2006.01) A61M 11/00 (2006.01) G06M 1/02 (2006.01) G06M 1/22 (2006.01)**
[25] EN
[54] **NEBULIZER AND CONTAINER**
[54] **NEBULISEUR ET RECIPIENT**
[72] EICHER, JOACHIM, DE
[72] WACHTEL, HERBERT, DE
[72] HOELZ, HUBERT, DE
[72] SCHULZ, JOERN-ERIC, DE
[72] MEISENHEIMER, MARTIN, DE
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2016-11-04
[86] 2015-05-04 (PCT/EP2015/059740)
[87] (WO2015/169759)
[30] EP (14001603.1) 2014-05-07

---

[21] **2,948,073**
[13] A1
[51] **Int.Cl. B25J 15/00 (2006.01)**
[25] EN
[54] **ACTUATION OF A HAND TO BE PROVIDED ON A HUMANOID ROBOT**
[54] **ACTIONNEMENT D'UNE MAIN DESTINEE A EQUIPER UN ROBOT A CARACTERE HUMANOIDE**
[72] LAVILLE, JEREMY, FR
[72] FAUCHET, GILLES, FR
[72] DEPOST, THIBAULT, FR
[71] SOFTBANK ROBOTICS EUROPE, FR
[85] 2016-11-04
[86] 2015-05-07 (PCT/EP2015/060022)
[87] (WO2015/169886)
[30] FR (1454162) 2014-05-07

---

[21] **2,948,078**
[13] A1
[51] **Int.Cl. B66B 23/10 (2006.01) B65G 17/06 (2006.01) B66B 23/14 (2006.01) B66B 29/00 (2006.01)**
[25] EN
[54] **FASTENING DEVICE FOR FASTENING A PANEL ON A TRACTION MECHANISM**
[54] **DISPOSITIF DE FIXATION D'UNE PALETTE A UN MOYEN DE TRACTION**
[72] MATHEISL, MICHAEL, AT
[72] SCHULZ, ROBERT, AT
[72] EIDLER, WERNER, AT
[72] ILLEDITS, THOMAS, AT
[71] INVENTIO AG, CH
[85] 2016-11-04
[86] 2015-05-13 (PCT/EP2015/060614)
[87] (WO2015/180964)
[30] EP (14170277.9) 2014-05-28

[21] **2,948,081**
[13] A1
[51] **Int.Cl. C03C 10/14 (2006.01) A61K 6/027 (2006.01)**
[25] EN
[54] **GLASS CERAMIC HAVING SIO2 AS MAIN CRYSTAL PHASE**
[54] **CERAMIQUE VITREUSE COMPORTANT DU SIO2 COMME PRINCIPALE PHASE CRISTALLINE**
[72] RAMPF, MARKUS, CH
[72] DITTMER, MARC, AT
[72] RITZBERGER, CHRISTIAN, CH
[72] SCHWEIGER, MARCEL, CH
[72] HOLAND, WOLFRAM, LI
[71] IVOCLAR VIVADENT AG, LI
[85] 2016-11-04
[86] 2015-05-15 (PCT/EP2015/060765)
[87] (WO2015/173394)
[30] EP (14168719.4) 2014-05-16

---

[21] **2,948,083**
[13] A1
[51] **Int.Cl. E21B 33/127 (2006.01) E21B 7/20 (2006.01) E21B 17/05 (2006.01) E21B 21/00 (2006.01) E21B 33/13 (2006.01) E21B 43/10 (2006.01)**
[25] EN
[54] **DOWNHOLE STRING FOR DRILLING THROUGH A LOW PRESSURE ZONE**
[54] **CHAINE DE FOND DE TROU POUR FORER DANS UNE ZONE BASSE PRESSION**
[72] HAZEL, PAUL, GB
[71] WELLTEC A/S, DK
[85] 2016-11-04
[86] 2015-05-19 (PCT/EP2015/060962)
[87] (WO2015/177122)
[30] EP (14168872.1) 2014-05-19

---

[21] **2,948,090**
[13] A1
[51] **Int.Cl. A01N 63/04 (2006.01) A01N 25/12 (2006.01) A01P 7/00 (2006.01) A01N 59/00 (2006.01)**
[25] EN
[54] **CONTROL OF ARTHROPOD INFESTATION**
[54] **LUTTE CONTRE UNE INFESTATION PAR DES ARTHROPODES**
[72] WAKEFIELD, MAUREEN ELIZABETH, GB
[71] EXOSECT LIMITED, GB
[85] 2016-11-04
[86] 2015-06-11 (PCT/GB2015/000170)
[87] (WO2015/189542)
[30] GB (1410677.7) 2014-06-13

---

[21] **2,948,093**
[13] A1
[51] **Int.Cl. B01F 15/00 (2006.01) B01F 7/16 (2006.01)**
[25] EN
[54] **AUTOMATED SYSTEM TO ASSOCIATE AN AGITATOR WITH A RESPECTIVE CONTAINER FOR CONTAINING FLUID AND METHOD THEREOF**
[54] **SYSTEME AUTOMATISE POUR ASSOCIER UN AGITATEUR A UN RECIPIENT RESPECTIF DESTINE A CONTENIR UN FLUIDE, ET PROCEDE ASSOCIE**
[72] DROCCO, LUCA, IT
[72] DROCCO, MARIO, IT
[71] DROCCO, LUCA, IT
[71] DROCCO, MARIO, IT
[85] 2016-11-04
[86] 2015-05-05 (PCT/IB2015/053260)
[87] (WO2015/173688)
[30] IT (TO2014A000378) 2014-05-13

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[21] **2,948,099**
[13] A1
[51] **Int.Cl. A45D 34/00 (2006.01)**
[25] EN
[54] **ASSEMBLY FOR DISPENSING AND APPLYING A FLUID PRODUCT**
[54] **ENSEMBLE DE DISTRIBUTION ET D'APPLICATION DE PRODUIT FLUIDE**
[72] DUQUET, FREDERIC, FR
[72] PIERRE, CHRISTOPHE, FR
[71] APTAR FRANCE SAS, FR
[85] 2016-11-04
[86] 2015-05-05 (PCT/FR2015/051185)
[87] (WO2015/170048)
[30] FR (1454114) 2014-05-07

---

[21] **2,948,101**
[13] A1
[51] **Int.Cl. A61C 17/34 (2006.01) A61C 17/22 (2006.01) A61C 17/32 (2006.01)**
[25] EN
[54] **ORAL CARE IMPLEMENT**
[54] **DISPOSITIF DE SOIN BUCCAL**
[72] SCHAEFER, NORBERT, DE
[72] FRITSCH, THOMAS, DE
[72] UTSCH, JORN, DE
[71] BRAUN GMBH, DE
[85] 2016-11-04
[86] 2015-04-30 (PCT/IB2015/053160)
[87] (WO2015/170231)
[30] EP (14167339.2) 2014-05-07

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[21] **2,948,120**
[13] A1
[51] **Int.Cl. F16D 65/092 (2006.01) F16D 69/04 (2006.01)**
[25] EN
[54] **METHOD OF OBTAINING A BACKING PLATE FOR A BRAKE PAD AND BACKING PLATE THUS OBTAINED**
[54] **PROCEDE D'OBTENTION D'UNE PLAQUE DE SUPPORT POUR PLAQUETTE DE FREIN ET PLAQUE DE SUPPORT AINSI OBTENUE**
[72] RANGONI, FRANCESCO, IT
[72] VIRONDA, RAFFAELE GABRIELE, IT
[72] PIZZIO, RODOLFO, IT
[71] UTIL INDUSTRIES S.P.A., IT
[85] 2016-11-04
[86] 2015-05-22 (PCT/IB2015/053790)
[87] (WO2015/181695)
[30] IT (TO2014A000436) 2014-05-30

[21] **2,948,121**
[13] A1
[51] **Int.Cl. A61M 1/12 (2006.01) A61M 1/10 (2006.01)**
[25] EN
[54] **BLOOD PUMP**
[54] **POMPE A SANG**
[72] SCHWAMMENTHAL, EHUD, IL
[72] TUVAL, YOSI, IL
[72] GLOZMAN, DANIEL, IL
[71] MAGENTA MEDICAL LTD., IL
[85] 2016-11-04
[86] 2015-05-19 (PCT/IL2015/050532)
[87] (WO2015/177793)
[30] US (62/000,192) 2014-05-19

---

[21] **2,948,132**
[13] A1
[51] **Int.Cl. A61B 5/0402 (2006.01) A61B 5/04 (2006.01) A61B 5/0408 (2006.01)**
[25] EN
[54] **ESTIMATING DISTRIBUTION, FLUCTUATION AND/OR MOVEMENT OF ELECTRICAL ACTIVITY THROUGH A HEART TISSUE**
[54] **ESTIMATION DE DISTRIBUTION, DE FLUCTUATION ET/OU DE MOUVEMENT D'ACTIVITE ELECTRIQUE A TRAVERS UN TISSU CARDIAQUE**
[72] VAN DAM, PETER MICHAEL, NL
[72] VAN DAM, EELCO MATTIAS, NL
[71] PEACS B.V., NL
[85] 2016-11-04
[86] 2015-05-06 (PCT/NL2015/050312)
[87] (WO2015/170978)
[30] US (14/270,899) 2014-05-06

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[21] **2,948,138**
[13] A1
[51] **Int.Cl. C10M 141/10 (2006.01) C10M 133/06 (2006.01) C10M 135/36 (2006.01) C10M 137/10 (2006.01) C10M 141/08 (2006.01)**
[25] EN
[54] **ANTI-CORROSION ADDITIVES**
[54] **ADDITIFS ANTI-CORROSION**
[72] SACCOMANDO, DANIEL J., GB
[72] DELBRIDGE, EWA E., US
[72] BARTON, WILLIAM R. S., GB
[71] THE LUBRIZOL CORPORATION, US
[85] 2016-11-04
[86] 2015-04-28 (PCT/US2015/027996)
[87] (WO2015/171364)
[30] US (61/989,299) 2014-05-06

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[21] **2,948,149**
[13] A1
[51] **Int.Cl. C10M 135/12 (2006.01) C10M 133/06 (2006.01)**
[25] EN
[54] **LUBRICANT COMPOSITION CONTAINING AN ANTIWEAR AGENT**
[54] **COMPOSITION LUBRIFIANTE CONTENANT UN AGENT ANTI-USURE**
[72] SACCOMANDO, DANIEL J., GB
[72] BARTON, WILLIAM R. S., GB
[72] DELBRIDGE, EWAN E., US
[72] MOSIER, PATRICK E., US
[71] THE LUBRIZOL CORPORATION, US
[85] 2016-11-04
[86] 2015-05-06 (PCT/US2015/029337)
[87] (WO2015/171674)
[30] US (61/989,229) 2014-05-06

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[21] **2,948,151**
[13] A1
[51] **Int.Cl. G06F 9/50 (2006.01) G06F 9/455 (2006.01)**
[25] EN
[54] **MIGRATION OF APPLICATIONS BETWEEN AN ENTERPRISE-BASED NETWORK AND A MULTI-TENANT NETWORK**
[54] **MIGRATION D'APPLICATIONS ENTRE UN RESEAU D'ENTREPRISE ET UN RESEAU A LOCATAIRES MULTIPLES**
[72] BORTHAKUR, APOLAK, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2016-11-04
[86] 2015-05-06 (PCT/US2015/029514)
[87] (WO2015/171800)
[30] US (14/274,426) 2014-05-09

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[21] **2,948,156**
[13] A1
[51] **Int.Cl. C10M 141/10 (2006.01) C10M 133/06 (2006.01) C10M 135/12 (2006.01) C10M 137/08 (2006.01) C10M 137/10 (2006.01)**
[25] EN
[54] **LUBRICANT COMPOSITION CONTAINING AN ANTIWEAR AGENT**
[54] **COMPOSITION LUBRIFIANTE CONTENANT UN AGENT ANTI-USURE**
[72] SACCOMANDO, DANIEL J., GB
[72] BARTON, WILLIAM R. S., GB
[72] DELBRIDGE, EWAN E., US
[72] DICKESS, SHAWN P., US
[72] SUTTON, MICHAEL R., GB
[72] COOK, STEPHEN J., GB
[71] THE LUBRIZOL CORPORATION, US
[85] 2016-11-04
[86] 2015-05-06 (PCT/US2015/029339)
[87] (WO2015/171676)
[30] US (61/989,239) 2014-05-06

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[21] **2,948,204**
[13] A1
[51] **Int.Cl. A61B 3/10 (2006.01) A61B 3/00 (2006.01) A61B 3/15 (2006.01)**
[25] EN
[54] **METHOD FOR THE ACQUISITION OF OPTICAL COHERENCE TOMOGRAPHY IMAGE DATA OF RETINA TISSUE OF AN EYE OF A HUMAN SUBJECT**
[54] **PROCEDE D'ACQUISITION DE DONNEES D'IMAGE PAR TOMOGRAPHIE EN COHERENCE OPTIQUE DU TISSU RETINIEN D'UN ~IL D'UN SUJET HUMAIN**
[72] KOWAL, JENS, CH
[72] QUELLEC, GWENOLE, FR
[72] MALOCA, PETER, CH
[71] MIMO AG, CH
[85] 2016-11-07
[86] 2015-04-30 (PCT/CH2015/000069)
[87] (WO2015/168813)
[30] CH (699/14) 2014-05-08

[21] **2,948,205**
[13] A1
[51] **Int.Cl. G07C 9/00 (2006.01)**
[25] EN
[54] **ELECTRONIC ACCESS CONTROL DEVICE AND ACCESS CONTROL METHOD**
[54] **DISPOSITIF DE COMMANDE D'ACCES ELECTRONIQUE ET PROCEDE DE COMMANDE D'ACCES**
[72] PLUSS, MARCEL, CH
[72] STUDERUS, PAUL, CH
[71] LEGIC IDENTSYSTEMS AG, CH
[85] 2016-11-07
[86] 2015-06-18 (PCT/EP2015/001231)
[87] (WO2015/197177)
[30] CH (951/14) 2014-06-23

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[21] **2,948,206**
[13] A1
[51] **Int.Cl. G07C 9/00 (2006.01)**
[25] EN
[54] **ELECTRONIC ACCESS CONTROL DEVICE AND ACCESS CONTROL METHOD**
[54] **DISPOSITIF DE COMMANDE D'ACCES ELECTRONIQUE ET PROCEDE DE COMMANDE D'ACCES**
[72] PLUSS, MARCEL, CH
[72] STUDERUS, PAUL, CH
[71] LEGIC IDENTSYSTEMS AG, CH
[85] 2016-11-07
[86] 2015-06-18 (PCT/EP2015/001233)
[87] (WO2015/197179)
[30] CH (00951/14) 2014-06-23

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[21] **2,948,211**
[13] A1
[51] **Int.Cl. F16L 27/08 (2006.01)**
[25] EN
[54] **ROTARY JOINT FOR A HIGH PRESSURE FLUID**
[54] **JOINT ROTATIF POUR FLUIDE A HAUTE PRESSION**
[72] GENNASIO, ENRICO, IT
[72] MAZZOLI, STEFANO, IT
[72] DOI, RINALDO, IT
[71] ALFA GOMMA S.P.A., IT
[85] 2016-11-07
[86] 2015-05-05 (PCT/EP2015/059862)
[87] (WO2015/169805)
[30] IT (MI2014U000164) 2014-05-07

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[21] **2,948,212**
[13] A1
[51] **Int.Cl. B25J 19/00 (2006.01) F16F 1/377 (2006.01)**
[25] EN
[54] **SHOCK-ABSORBING DEVICE FOR A HUMANOID ROBOT**
[54] **DISPOSITIF AMORTISSEUR DE CHOCS POUR UN ROBOT HUMANOIDE**
[72] CLERC, VINCENT, FR
[72] TESSIER, LUDOVIC, FR
[72] MUGNIER, FABIEN, FR
[71] SOFTBANK ROBOTICS EUROPE, FR
[85] 2016-11-07
[86] 2015-05-07 (PCT/EP2015/060046)
[87] (WO2015/169894)
[30] FR (1454161) 2014-05-07

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[21] **2,948,220**
[13] A1
[51] **Int.Cl. A61K 9/70 (2006.01) A61K 31/381 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **TRANSDERMAL DELIVERY SYSTEM CONTAINING ROTIGOTINE**
[54] **SYSTEME D'ADMINISTRATION TRANSDERMIQUE CONTENANT DE LA ROTIGOTINE**
[72] EMGENBROICH, MARCO, DE
[72] KLEIN, ELKE, DE
[72] KLUTH, HEIKE, DE
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE
[85] 2016-11-07
[86] 2015-05-20 (PCT/EP2015/061099)
[87] (WO2015/177204)
[30] EP (14169009.9) 2014-05-20

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[21] **2,948,221**
[13] A1
[51] **Int.Cl. A61K 9/70 (2006.01) A61K 31/216 (2006.01) A61K 31/24 (2006.01) A61K 31/381 (2006.01) A61K 31/4468 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **TRANSDERMAL DELIVERY SYSTEM INCLUDING AN INTERFACE MEDIATOR**
[54] **SYSTEME D'ADMINISTRATION TRANSDERMIQUE COMPRENANT UN MEDIATEUR D'INTERFACE**
[72] EMGENBROICH, MARCO, DE
[72] LEONHARD, JOHANNES JOSEF, DE
[72] KASSNER, KRISTINA, DE
[72] LAPPERT, AURELIA, BE
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE
[85] 2016-11-07
[86] 2015-05-20 (PCT/EP2015/061112)
[87] (WO2015/177212)
[30] EP (14169031.3) 2014-05-20

---

[21] **2,948,226**
[13] A1
[25] EN
[54] **DETECTING EDGES OF A NUCLEUS USING IMAGE ANALYSIS**
[54] **SYSTEME D'ANALYSE D'IMAGE POUR LA DETECTION DES BORDS D'UN NOYAU**
[72] CHUKKA, SRINIVAS, US
[72] CHEFD'HOTEL, CHRISTOPHE, US
[72] WANG, XIUZHONG, US
[71] VENTANA MEDICAL SYSTEMS, INC., US
[85] 2016-11-07
[86] 2015-06-30 (PCT/EP2015/064845)
[87] (WO2016/001223)
[30] US (62/018,848) 2014-06-30

[21] **2,948,259**
[13] A1
[51] **Int.Cl. C23C 14/34 (2006.01) C23C 14/08 (2006.01) G02F 1/15 (2006.01)**
[25] EN
[54] **TRANSPARENT CONDUCTING INDIUM DOPED TIN OXIDE**
[54] **OXYDE D'ETAIN DOPE A L'INDIUM, CONDUCTEUR ET TRANSPARENT**
[72] UPRETY, KRISHNA K., US
[72] LAKDAWALA, KHUSHROO H., US
[72] SHELLENBERGER, RUSSELL, US
[72] ALI, MAHMOOD AHMAD, US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2016-11-04
[86] 2015-03-12 (PCT/US2015/020151)
[87] (WO2015/183374)
[30] US (14/292,200) 2014-05-30

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[21] **2,948,260**
[13] A1
[51] **Int.Cl. C08L 23/06 (2006.01) C08J 3/24 (2006.01) C08K 5/14 (2006.01) C08L 23/36 (2006.01)**
[25] EN
[54] **CROSSLINKABLE POLYMERIC COMPOSITIONS WITH AMINE-FUNCTIONALIZED INTERPOLYMERS, METHODS FOR MAKING THE SAME, AND ARTICLES MADE THEREFROM**
[54] **COMPOSITIONS POLYMERES RETICULABLES COMPRENANT DES INTERPOLYMERES A FONCTIONNALISATION AMINE, PROCEDES POUR LEUR PREPARATION ET OBJETS PRODUITS A PARTIR DE CELLES-CI**
[72] PERSON, TIMOTHY J., US
[72] TALREJA, MANISH, US
[72] COGEN, JEFFREY M., US
[72] SENGUPTA, SAURAV S., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2016-11-04
[86] 2015-04-02 (PCT/US2015/023987)
[87] (WO2015/175106)
[30] US (61/992,338) 2014-05-13

---

[21] **2,948,289**
[13] A1
[51] **Int.Cl. C10M 133/06 (2006.01) C10M 135/12 (2006.01)**
[25] EN
[54] **BASIC ASHLESS ADDITIVES**
[54] **ADDITIFS SANS CENDRE BASIQUES**
[72] SACCOMANDO, DANIEL J., GB
[72] DELBRIDGE, EWAN E., US
[72] ROUMANEIX, ALEXANDRE, GB
[71] THE LUBRIZOL CORPORATION, US
[85] 2016-11-04
[86] 2015-04-28 (PCT/US2015/027958)
[87] (WO2015/171356)
[30] US (61/989,306) 2014-05-06

---

[21] **2,948,291**
[13] A1
[51] **Int.Cl. A61K 31/506 (2006.01) A61K 9/16 (2006.01) A61K 9/20 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CERITINIB FORMULATION**
[54] **FORMULATION DE CERITINIB**
[72] BREULLES, SEBASTIEN, CH
[72] ENSSLIN, SIMON, CH
[71] NOVARTIS AG, CH
[85] 2016-11-07
[86] 2015-05-27 (PCT/IB2015/053966)
[87] (WO2015/181739)
[30] US (62/004,359) 2014-05-29

---

[21] **2,948,293**
[13] A1
[51] **Int.Cl. A61N 1/32 (2006.01) A61N 1/04 (2006.01)**
[25] FR
[54] **CUTANEOUS MEDICAL DEVICE COMPRISING A MAIN PART AND INCLUDING A BASE AND A REMOVABLE ELECTRODE**
[54] **DISPOSITIF MEDICAL CUTANE COMPRENANT UNE PARTIE PRINCIPALE AVEC UNE EMBASE ET UNE ELECTRODE AMOVIBLE**
[72] PERRAUD, SIMON, FR
[72] KARST, NICOLAS, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2016-11-07
[86] 2015-05-19 (PCT/IB2015/053680)
[87] (WO2015/177725)
[30] FR (14 54456) 2014-05-19

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[21] **2,948,295**
[13] A1
[51] **Int.Cl. B23C 5/08 (2006.01) B23C 5/24 (2006.01)**
[25] EN
[54] **ROTARY SLITTER WITH CUTTING INSERT EDGE POSITIONING ARRANGEMENT**
[54] **DISPOSITIF DE COUPE ROTATIF DOTE D'UN MECANISME DE POSITIONNEMENT DE BORD DE PLAQUETTE DE COUPE**
[72] MALKA, ASAF, IL
[71] ISCAR LTD., IL
[85] 2016-11-07
[86] 2015-04-12 (PCT/IL2015/050388)
[87] (WO2015/170311)
[30] US (61/989,562) 2014-05-07
[30] US (14/289,862) 2014-05-29

---

[21] **2,948,296**
[13] A1
[51] **Int.Cl. G06Q 30/06 (2012.01)**
[25] EN
[54] **RECOMMENDATIONS UTILIZING VISUAL IMAGE ANALYSIS**
[54] **RECOMMANDATIONS UTILISANT L'ANALYSE D'IMAGES VISUELLES**
[72] YALNIZ, ISMET ZEKI, US
[72] RAMESH, SUNIL, US
[71] A9.COM, INC., US
[85] 2016-11-04
[86] 2015-06-08 (PCT/US2015/034708)
[87] (WO2015/191461)
[30] US (14/303,237) 2014-06-12

---

[21] **2,948,298**
[13] A1
[51] **Int.Cl. H04N 21/81 (2011.01)**
[25] EN
[54] **MARKER-BASED PIXEL REPLACEMENT**
[54] **REMPLACEMENT DE PIXEL A BASE DE MARQUEUR**
[72] DAON, EHUD, CA
[71] NAVIGATE SURGICAL TECHNOLOGIES, INC., CA
[85] 2016-11-07
[86] 2015-04-14 (PCT/IL2015/050400)
[87] (WO2015/159289)
[30] US (61/979,771) 2014-04-15
[30] US (62/026,954) 2014-07-21

[21] **2,948,301**
[13] A1
[51] **Int.Cl. B60N 2/26 (2006.01)**
[25] EN
[54] **A SAFETY DEVICE FOR USE WITH A SAFETY HARNESS**
[54] **DISPOSITIF DE SECURITE DESTINE A ETRE UTILISE AVEC UN HARNAIS DE SECURITE**
[72] DAVIS, CATHERINE, GB
[71] DAVIS, CATHERINE, GB
[85] 2016-11-07
[86] 2015-05-07 (PCT/IB2015/053348)
[87] (WO2015/170279)
[30] GB (1408154.1) 2014-05-08

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[21] **2,948,314**
[13] A1
[51] **Int.Cl. C04B 35/532 (2006.01)**
[25] FR
[54] **METHOD FOR PREPARING A COMPOSITE CARBON MATERIAL WITH A VIEW TO THE USE THEREOF FOR MANUFACTURING CARBON BLOCKS**
[54] **PROCEDE DE PREPARATION D'UN MATERIAU COMPOSITE CARBONE EN VUE DE SON UTILISATION POUR LA FABRICATION DE BLOCS DE CARBONE**
[72] ALLARD, BENEDICTE, FR
[72] FIGURA, FLORENT, FR
[72] ROZ, JEAN-MICHEL, FR
[71] CARBONE SAVOIE, FR
[85] 2016-11-07
[86] 2015-05-05 (PCT/FR2015/000093)
[87] (WO2015/173479)
[30] FR (1401115) 2014-05-16

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[21] **2,948,316**
[13] A1
[51] **Int.Cl. C09C 1/36 (2006.01) C09C 3/06 (2006.01)**
[25] EN
[54] **COATED TITANIUM DIOXIDE DISPERSIONS**
[54] **DISPERSIONS DE DIOXYDE DE TITANE ENROBE**
[72] EDWARDS, JOHN L., GB
[72] GIBBONS, LINDA, GB
[72] BURKE, ALISON, GB
[72] BROWN, ANDREW E., GB
[72] JONES, ANTHONY G., GB
[71] HUNTSMAN P&A UK LIMITED, GB
[85] 2016-11-07
[86] 2015-05-21 (PCT/GB2015/051505)
[87] (WO2015/177563)
[30] GB (1409209.2) 2014-05-23

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[21] **2,948,317**
[13] A1
[51] **Int.Cl. B01F 15/02 (2006.01) B01F 5/26 (2006.01) B01F 15/04 (2006.01)**
[25] EN
[54] **MIXING DEVICE, MIXING HOPPER AND DOSING CONTAINER**
[54] **DISPOSITIF DE MELANGE, TREMIE DE MELANGE ET RECIPIENT DE DOSAGE**
[72] ZUIDEMA, CASPER JOHAN, NL
[72] ZUIDEMA, HETTE, NL
[71] ZUIDEMA, CASPER JOHAN, NL
[85] 2016-11-07
[86] 2015-05-08 (PCT/NL2015/050325)
[87] (WO2015/170986)
[30] NL (2012786) 2014-05-08

---

[21] **2,948,332**
[13] A1
[51] **Int.Cl. B60K 11/08 (2006.01)**
[25] EN
[54] **ACTIVE GRILLE SHUTTER FOR CURVED SURFACE**
[54] **OBTURATEUR DE GRILLE ACTIF POUR SURFACE INCURVEE**
[72] MANHIRE, JEFFREY B., US
[71] MAGNA EXTERIORS INC., CA
[85] 2016-11-07
[86] 2015-05-05 (PCT/US2015/029262)
[87] (WO2015/171623)
[30] US (61/988,513) 2014-05-05

---

[21] **2,948,350**
[13] A1
[51] **Int.Cl. C09D 163/00 (2006.01) C09D 5/08 (2006.01) C09D 7/12 (2006.01)**
[25] EN
[54] **CHROMATE FREE PRETREATMENT PRIMER**
[54] **AMORCE DE PRETRAITEMENT SANS CHROMATE**
[72] LABOUCHE, DIDIER, FR
[72] MAILLET, MARIE-NOELLE, FR
[72] ABRAMI, SIAMANTO, US
[71] PRC-DESOTO INTERNATIONAL, INC., US
[85] 2016-11-07
[86] 2015-05-07 (PCT/US2015/029683)
[87] (WO2015/171891)
[30] US (14/273,567) 2014-05-09

---

[21] **2,948,359**
[13] A1
[51] **Int.Cl. B28C 7/16 (2006.01)**
[25] EN
[54] **SLURRY MIXER GATE WITH ENHANCED FLOW AND FOAMING GEOMETRY**
[54] **GRILLE DE MELANGEUR DE BOUES A FLUX AMELIORE ET GEOMETRIE DE FORMATION DE MOUSSE**
[72] WITTBOLD, JAMES R., US
[72] LEE, CHRIS C., US
[71] UNITED STATES GYPSUM COMPANY, US
[85] 2016-11-07
[86] 2015-05-11 (PCT/US2015/030078)
[87] (WO2015/179153)
[30] US (62/000,244) 2014-05-19
[30] US (14/686,154) 2015-04-14

[21] **2,948,369**
[13] A1
[51] **Int.Cl. C12P 21/02 (2006.01) C07K 14/39 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 9/16 (2006.01) C12N 15/00 (2006.01) C12N 15/31 (2006.01) C12N 15/63 (2006.01) C12N 15/67 (2006.01) C12N 15/80 (2006.01)**
[25] EN
[54] **RECOMBINANT HOST CELL ENGINEERED TO OVEREXPRESS HELPER PROTEINS**
[54] **CELLULE HOTE RECOMBINEE MODIFIEE DE SORTE A SUREXPRIMER DES PROTEINES AUXILIAIRES**
[72] GASSER, BRIGITTE, AT
[72] MATTANOVICH, DIETHARD, AT
[72] BUCHETICS, MARKUS, AT
[71] BOEHRINGER INGELHEIM RCV GMBH & CO KG, AT
[71] SANDOZ AG, CH
[71] VTU TECHNOLOGY GMBH, AT
[71] LONZA LTD., CH
[85] 2016-10-14
[86] 2015-04-16 (PCT/EP2015/058242)
[87] (WO2015/158808)
[30] EP (14165186.9) 2014-04-17

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[21] **2,948,376**
[13] A1
[51] **Int.Cl. B21D 28/02 (2006.01) B21D 37/12 (2006.01) B26F 1/40 (2006.01) G02B 6/42 (2006.01)**
[25] EN
[54] **STAMPING TO FORM A COMPOSITE STRUCTURE OF DISSIMILAR MATERIALS HAVING STRUCTURED FEATURES**
[54] **ESTAMPAGE POUR FORMER UNE STRUCTURE COMPOSITE DE MATERIAUX DISSEMBLABLES PRESENTANT DES CARACTERISTIQUES STRUCTUREES**
[72] LI, SHUHE, US
[72] VALLANCE, ROBERT RYAN, US
[72] BARNOSKI, MICHAEL K., US
[72] ZHAO, YONGSHENG, US
[72] GEAN, MATTHEW, US
[72] MENGESHA, TEWODROS, US
[72] DANNENBERG, RAND D., US
[71] NANOPRECISION PRODUCTS, INC., US
[85] 2016-11-07
[86] 2015-05-15 (PCT/US2015/031247)
[87] (WO2015/176038)
[30] US (61/994,094) 2014-05-15
[30] US (14/695,008) 2015-04-23

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[21] **2,948,387**
[13] A1
[51] **Int.Cl. A61N 1/36 (2006.01) A61N 1/04 (2006.01)**
[25] FR
[54] **CUTANEOUS DEVICE, IN PARTICULAR A PULSE GENERATOR FOR ELECTRICAL STIMULATION**
[54] **DISPOSITIF CUTANE, NOTAMMENT GENERATEUR D'IMPULSIONS POUR L'ELECTROSTIMULATION**
[72] PERRAUD, SIMON, FR
[72] KARST, NICOLAS, FR
[72] SALOMON, JEREMIE, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2016-11-07
[86] 2015-05-07 (PCT/IB2015/053340)
[87] (WO2015/177670)
[30] FR (1454466) 2014-05-19

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[21] **2,948,400**
[13] A1
[51] **Int.Cl. A61K 31/7048 (2006.01) A61P 1/12 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **TREATMENT REGIMEN TIACUMICIN COMPOUND**
[54] **COMPOSE DE TIACUMICINE ET REGIME DE TRAITEMENT ASSOCIE**
[72] KARAS, ANDREAS JOHANNIS, NL
[72] LONGSHAW, CHRISTOPHER MARK, NL
[71] ASTELLAS PHARMA EUROPE LTD, GB
[85] 2016-11-08
[86] 2015-05-11 (PCT/EP2015/000965)
[87] (WO2015/169451)
[30] EP (14 075 031.6) 2014-05-09

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[21] **2,948,401**
[13] A1
[51] **Int.Cl. C22B 3/08 (2006.01) C22B 59/00 (2006.01)**
[25] EN
[54] **SYSTEM AND PROCESS FOR SELECTIVE RARE EARTH EXTRACTION WITH SULFUR RECOVERY**
[54] **SYSTEME ET PROCEDE POUR L'EXTRACTION SELECTIVE DE TERRES RARES AVEC RECUPERATION DU SOUFRE**
[72] TEIXEIRA, LEANDRO AUGUSTO VIANA, BR
[72] SILVA, RUBERLAN GOMES, BR
[71] VALE S.A., BR
[85] 2016-11-08
[86] 2015-05-13 (PCT/BR2015/000068)
[87] (WO2015/172217)
[30] US (61/993,932) 2014-05-15
[30] US (14/708,131) 2015-05-08

[21] **2,948,412**
[13] A1
[51] **Int.Cl. B65H 19/18 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR FEEDING MATERIAL WEBS TO A PROCESSING DEVICE**
[54] **DISPOSITIF ET PROCEDE D'ALIMENTATION DE BANDES DE MATERIAU DANS UN EQUIPEMENT DE TRANSFORMATION**
[72] ROTTGER, HENNING, DE
[71] GLATFELTER FALKENHAGEN GMBH, DE
[85] 2016-11-08
[86] 2015-04-07 (PCT/EP2015/057530)
[87] (WO2015/155192)
[30] DE (10 2014 206 706.5) 2014-04-07

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[21] **2,948,416**
[13] A1
[51] **Int.Cl. C08L 67/02 (2006.01)**
[25] EN
[54] **ARTICLES PRODUCED BY THERMOFORMING**
[54] **ARTICLE FACONNE PAR THERMOFORMAGE**
[72] LEHENMEIER, MAXIMILIAN, DE
[72] SKUPIN, GABRIEL, DE
[72] BUSSMANN, MARTIN, DE
[71] BASF SE, DE
[85] 2016-11-08
[86] 2015-04-29 (PCT/EP2015/059301)
[87] (WO2015/169659)
[30] EP (14167689.0) 2014-05-09

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[21] **2,948,422**
[13] A1
[51] **Int.Cl. C08L 67/02 (2006.01) C08K 3/34 (2006.01)**
[25] EN
[54] **INJECTION-MOULDED ARTICLE**
[54] **ARTICLE MOULE PAR INJECTION**
[72] LEHENMEIER, MAXIMILIAN, DE
[72] SKUPIN, GABRIEL, DE
[72] BUSSMANN, MARTIN, DE
[71] BASF SE, DE
[85] 2016-11-08
[86] 2015-04-29 (PCT/EP2015/059303)
[87] (WO2015/169660)
[30] EP (14167691.6) 2014-05-09
[30] EP (14191986.0) 2014-11-06

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[21] **2,948,426**
[13] A1
[51] **Int.Cl. B41M 5/52 (2006.01) B41F 9/00 (2006.01) D21H 19/38 (2006.01)**
[25] EN
[54] **CALCIUM CARBONATE FOR ROTOGRAVURE PRINTING MEDIUM**
[54] **CARBONATE DE CALCIUM POUR SUPPORT D'IMPRESSION PAR ROTOGRAVURE**
[72] WEIHS, JAN PHILIPP, CH
[72] GANE, PATRICK A. C., CH
[72] KRITZINGER, JOHANNES, CH
[71] OMYA INTERNATIONAL AG, CH
[85] 2016-11-08
[86] 2015-05-05 (PCT/EP2015/059846)
[87] (WO2015/180933)
[30] EP (14169915.7) 2014-05-26

---

[21] **2,948,430**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **CGB2 AND CGB1 GENES; DIAGNOSIS, MONITORING AND TREATMENT OF CANCER**
[54] **GENES CGB2 ET CGB1; DIAGNOSTIC, SUIVI ET TRAITEMENT DE CANCER**
[72] BUTLER, STEPHEN ANDREW, GB
[72] ILES, RAY KRUSE, GB
[71] MAP IP HOLDING LIMITED, GB
[85] 2016-11-08
[86] 2014-05-08 (PCT/GB2014/051412)
[87] (WO2014/181115)
[30] GB (1308259.9) 2013-05-08

---

[21] **2,948,431**
[13] A1
[51] **Int.Cl. C09C 1/02 (2006.01) C09C 3/04 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF CRUMBLES COMPRISING CALCIUM CARBONATE**
[54] **PROCEDE DE PREPARATION DE MIETTES COMPRENANT DU CARBONATE DE CALCIUM**
[72] FORNERA, TAZIO, CH
[72] LINDSTROM, OLA, SE
[72] CREMASCHI, ALAIN, FR
[72] HOPFL, WOLFGANG, DE
[72] ORTEN, ROLF ENDRE, NO
[71] OMYA INTERNATIONAL AG, CH
[85] 2016-11-08
[86] 2015-05-21 (PCT/EP2015/061229)
[87] (WO2015/181037)
[30] EP (14169923.1) 2014-05-26
[30] US (62/018,772) 2014-06-30

---

[21] **2,948,441**
[13] A1
[51] **Int.Cl. A61K 31/4462 (2006.01) A61K 31/215 (2006.01) A61K 31/351 (2006.01) A61K 31/4965 (2006.01) A61K 31/7056 (2006.01) A61P 31/16 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS FOR TREATING INFECTIOUS DISEASES**
[54] **COMPOSITIONS PHARMACEUTIQUES POUR TRAITER DES MALADIES INFECTEUSES**
[72] WASHBURN, MICHAEL, US
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO. 2) LIMITED, GB
[85] 2016-11-08
[86] 2015-05-08 (PCT/IB2015/053373)
[87] (WO2015/173701)
[30] US (61/991,754) 2014-05-12
[30] US (62/149,893) 2015-04-20
[30] US (62/151,013) 2015-04-22

[21] **2,948,445**
[13] A1
[51] **Int.Cl. A61N 1/04 (2006.01) A61N 1/36 (2006.01)**
[25] FR
[54] **CUTANEOUS ELECTRODE DEVICE AND ELECTROSTIMULATION DEVICE INCLUDING SAID ELECTRODE DEVICE**
[54] **DISPOSITIF D'ELECTRODE CUTANEE ET DISPOSITIF D'ELECTROSTIMULATION INTEGRANT CE DISPOSITIF D'ELECTRODE**
[72] KARST, NICOLAS, FR
[72] PERRAUD, SIMON, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2016-11-08
[86] 2015-05-11 (PCT/IB2015/053457)
[87] (WO2015/177677)
[30] FR (14 54462) 2014-05-19

---

[21] **2,948,456**
[13] A1
[51] **Int.Cl. B28B 11/08 (2006.01) B24C 1/06 (2006.01) B28B 1/52 (2006.01) B28B 11/24 (2006.01) C04B 41/53 (2006.01) E04C 2/04 (2006.01)**
[25] EN
[54] **A PROCESS FOR PROVIDING A FIBER CEMENT PRODUCT**
[54] **PROCEDE PERMETTANT D'OBTENIR UN PRODUIT EN FIBROCIMENT**
[72] HELLEMANS, PHILIPPE, BE
[71] ETERNIT NV, BE
[85] 2016-11-08
[86] 2015-05-26 (PCT/EP2015/061596)
[87] (WO2015/185392)
[30] EP (14171047.5) 2014-06-03
[30] EP (14196610.1) 2014-12-05

---

[21] **2,948,475**
[13] A1
[51] **Int.Cl. H05B 6/06 (2006.01) H05B 6/10 (2006.01) C21D 1/42 (2006.01)**
[25] EN
[54] **INDUCTION HEATING SYSTEM TEMPERATURE SENSOR ASSEMBLY**
[54] **ENSEMBLE DE CAPTEURS DE TEMPERATURE DE SYSTEME DE CHAUFFE PAR INDUCTION**
[72] VERHAGEN, PAUL DAVID, US
[72] GARVEY, PAUL WILLIAM, US
[72] BEISTLE, EDWARD G., US
[72] LIEBERT, SCOTT STEPHEN, US
[72] MLNARIK, KEVIN JOHN, US
[72] CARTER, TIFFANY ANNE, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2016-11-08
[86] 2015-02-19 (PCT/US2015/016511)
[87] (WO2015/175067)
[30] US (14/280,197) 2014-05-16

---

[21] **2,948,477**
[13] A1
[51] **Int.Cl. F03B 13/06 (2006.01)**
[25] EN
[54] **PUMPED HYDRO TOWER**
[54] **TOUR HYDRAULIQUE A LIQUIDE POMPE**
[72] JONES, JERALD EDWARD, US
[72] RHOADES, VALERIE LISA, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2016-11-08
[86] 2015-02-19 (PCT/US2015/016515)
[87] (WO2015/175068)
[30] US (14/279,119) 2014-05-15

---

[21] **2,948,491**
[13] A1
[51] **Int.Cl. A01N 63/00 (2006.01) A61K 39/245 (2006.01) A61P 37/04 (2006.01) C12N 15/00 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **VACCINES AGAINST GENITAL HERPES SIMPLEX INFECTIONS**
[54] **VACCINS CONTRE LES INFECTIONS DE L'HERPES SIMPLEX GENITAL**
[72] KOUSOULAS, KONSTANTIN, US
[71] BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, US
[85] 2016-11-08
[86] 2015-05-08 (PCT/US2015/029905)
[87] (WO2015/172033)
[30] US (61/990,975) 2014-05-09

---

[21] **2,948,498**
[13] A1
[51] **Int.Cl. G06F 3/0481 (2013.01) G06F 3/0484 (2013.01) G06F 7/00 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **FILTERING DATA IN AN ENTERPRISE SYSTEM**
[54] **FILTRAGE DE DONNEES DANS UN SYSTEME D'ENTREPRISE**
[72] GLAESKE, BRIAN R., US
[72] GREEN, JASON, US
[72] KIES, ANDREW, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2016-11-08
[86] 2015-05-29 (PCT/US2015/033098)
[87] (WO2015/187473)
[30] US (62/006,401) 2014-06-02
[30] US (14/503,732) 2014-10-01

---

[21] **2,948,508**
[13] A1
[51] **Int.Cl. G06F 1/16 (2006.01)**
[25] EN
[54] **MOUNTING WEDGE FOR FLEXIBLE MATERIAL**
[54] **CALE DE MONTAGE POUR MATERIAU FLEXIBLE**
[72] SIDDIQUI, KABIR, US
[72] CUMMINGS, STEPHAN ALEXANDER, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2016-11-08
[86] 2015-06-01 (PCT/US2015/033535)
[87] (WO2015/187557)
[30] US (62/006,568) 2014-06-02
[30] US (14/336,545) 2014-07-21

---

[21] **2,948,513**
[13] A1
[51] **Int.Cl. G06F 21/62 (2013.01)**
[25] EN
[54] **DISSOLVABLE PROTECTION OF CANDIDATE SENSITIVE DATA ITEMS**
[54] **PROTECTION LIBERABLE D'ELEMENTS DE DONNEES SENSIBLES DE CANDIDATS**
[72] PLASTINA, DANIEL, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2016-11-08
[86] 2015-06-02 (PCT/US2015/033635)
[87] (WO2015/187599)
[30] US (14/296,217) 2014-06-04

[21] **2,948,524**
[13] A1
[51] **Int.Cl. G02F 1/167 (2006.01)**
[25] EN
[54] **SEE-THROUGH DIMMING PANEL**
[54] **PANNEAU D'ASSOMBRISSEMENT TRANSPARENT**
[72] ALTON, DANIEL JAMES, US
[72] ACKERMAN, NATHAN, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2016-11-08
[86] 2015-06-03 (PCT/US2015/033871)
[87] (WO2015/187762)
[30] US (14/296,864) 2014-06-05

---

[21] **2,948,525**
[13] A1
[51] **Int.Cl. A61M 5/172 (2006.01) A61M 5/142 (2006.01) A61M 5/20 (2006.01) A61M 5/315 (2006.01) A61M 5/32 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **CONTROLLABLE DRUG DELIVERY SYSTEM AND METHOD OF USE**
[54] **SYSTEME D'ADMINISTRATION DE MEDICAMENT POUVANT ETRE COMMANDE ET SON PROCEDE D'UTILISATION**
[72] TAMTORO, FERRY, US
[72] YANG, HUAYING, US
[72] LEE, MARK KA LAI, US
[72] YIN, DESHENG, US
[72] GIBSON, SCOTT R., US
[72] BUSBY, DONALD, US
[72] SHULTZ, PETER V., US
[72] KOGLER, KEITH P., US
[72] TAHA, BASEL HASAN, US
[72] WARD, JIMMIE L., US
[72] FOLK, CHRISTOPHER R., US
[72] MCCULLOUGH, ADAM B., US
[72] BADELT, STEVEN WILLIAM, US
[71] AMGEN INC., US
[85] 2016-11-08
[86] 2015-06-03 (PCT/US2015/033933)
[87] (WO2015/187797)
[30] US (62/007,007) 2014-06-03

---

[21] **2,948,527**
[13] A1
[51] **Int.Cl. G06F 1/16 (2006.01)**
[25] EN
[54] **RADIUS HINGE**
[54] **CHARNIERE A RAYONS**
[72] TAZBAZ, ERROL M., US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2016-11-08
[86] 2015-06-08 (PCT/US2015/034611)
[87] (WO2015/191408)
[30] US (14/303,537) 2014-06-12

---

[21] **2,948,540**
[13] A1
[51] **Int.Cl. A61K 31/198 (2006.01) A61K 31/365 (2006.01) A61K 31/4025 (2006.01) A61K 31/4412 (2006.01) A61K 38/05 (2006.01) A61P 1/16 (2006.01)**
[25] EN
[54] **TREATMENT OF THE COMPLICATIONS OF CHRONIC LIVER DISEASE WITH CASPASE INHIBITORS**
[54] **TRAITEMENT DES COMPLICATIONS DE MALADIES HEPATIQUES CHRONIQUES AVEC DES INHIBITEURS DE CASPASE**
[72] SPADA, ALFRED P., US
[71] CONATUS PHARMACEUTICALS, INC., US
[85] 2016-11-08
[86] 2015-05-11 (PCT/US2015/030101)
[87] (WO2015/175381)
[30] US (61/992,169) 2014-05-12

---

[21] **2,948,564**
[13] A1
[51] **Int.Cl. C04B 24/06 (2006.01)**
[25] EN
[54] **STABILIZED SOLIDIFICATION AND SETTING ACCELERATOR FOR HYDRAULIC BINDERS**
[54] **ACCELERATEUR DE PRISE ET DE DURCISSEMENT STABILISE POUR DES LIANTS HYDRAULIQUES**
[72] STENGER, CHRISTIAN, CH
[71] SIKA TECHNOLOGY AG, CH
[85] 2016-11-09
[86] 2015-05-12 (PCT/EP2015/060419)
[87] (WO2015/173213)
[30] EP (14168358.1) 2014-05-14

---

[21] **2,948,565**
[13] A1
[51] **Int.Cl. C04B 28/02 (2006.01) C04B 26/16 (2006.01)**
[25] EN
[54] **THREE COMPONENT COMPOSITION FOR THE MANUFACTURE OF POLYURETHANE CEMENTITIOUS HYBRID FLOORING OR COATING WITH IMPROVED SURFACE GLOSS**
[54] **COMPOSITION A TROIS COMPOSANTS POUR LA FABRICATION DE REVETEMENT OU REVETEMENT DE SOL HYBRIDE POLYURETHANE CIMENTAIRE AVEC BRILLANT DE SURFACE AMELIORE**
[72] GIMENO, PATRICIA, DE
[72] KADDATZ, CAROLA, DE
[72] GROTZINGER, JOCHEN, DE
[72] GANTNER, HANS, AT
[71] SIKA TECHNOLOGY AG, CH
[85] 2016-11-09
[86] 2015-05-12 (PCT/EP2015/060420)
[87] (WO2015/173214)
[30] EP (14168704.6) 2014-05-16

---

[21] **2,948,572**
[13] A1
[51] **Int.Cl. G06F 1/26 (2006.01) G06F 21/44 (2013.01) G06F 1/16 (2006.01)**
[25] EN
[54] **POWER MANAGEMENT CONTRACTS FOR ACCESSORY DEVICES**
[54] **CONTRATS DE GESTION DE PUISSANCE POUR DISPOSITIFS ACCESSOIRES**
[72] OBIE, GENE ROBERT, US
[72] HUANG, HENG, US
[72] HE, YI, US
[72] EVANS, DUANE MARTIN, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2016-11-08
[86] 2015-05-16 (PCT/US2015/031270)
[87] (WO2015/179256)
[30] US (14/281,518) 2014-05-19

[21] **2,948,606**
[13] A1
[51] **Int.Cl. C09C 1/02 (2006.01) C09C 3/00 (2006.01)**
[25] EN
[54] **METHOD FOR THE PRODUCTION OF GRANULES COMPRISING SURFACE-REACTED CALCIUM CARBONATE**
[54] **PROCEDE POUR LA PRODUCTION DE GRANULES COMPRENANT DU CARBONATE DE CALCIUM AYANT REAGI EN SURFACE**
[72] GERARD, DANIEL E., CH
[72] SCHOELKOPF, JOACHIM, CH
[72] GANE, PATRICK A.C., CH
[71] OMYA INTERNATIONAL AG, CH
[85] 2016-11-09
[86] 2015-05-28 (PCT/EP2015/061869)
[87] (WO2015/181306)
[30] EP (14170578.0) 2014-05-30
[30] US (62/008,672) 2014-06-06
[30] EP (14173325.3) 2014-06-20

---

[21] **2,948,620**
[13] A1
[51] **Int.Cl. A61K 31/519 (2006.01) A61K 31/404 (2006.01) A61K 31/405 (2006.01) A61K 31/41 (2006.01) A61K 31/47 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **NEW TREATMENT**
[54] **NOUVEAU TRAITEMENT**
[72] ABBOTT-BANNER, KATHARINE, GB
[72] HANRAHAN, JOHN, CA
[72] THOMAS, DAVID, CA
[71] VERONA PHARMA PLC, GB
[85] 2016-11-09
[86] 2015-05-11 (PCT/GB2015/051377)
[87] (WO2015/173551)
[30] GB (1408384.4) 2014-05-12
[30] GB (1417719.0) 2014-10-07

---

[21] **2,948,633**
[13] A1
[51] **Int.Cl. G02B 6/42 (2006.01) B21D 28/02 (2006.01) B21D 37/12 (2006.01) B26F 1/40 (2006.01) G02B 6/124 (2006.01) G02B 6/34 (2006.01)**
[25] EN
[54] **OPTICAL CONNECTION OF OPTICAL FIBERS TO GRATING COUPLERS**
[54] **LIAISON OPTIQUE DE FIBRES OPTIQUES A DES COUPLEURS A RESEAU**
[72] VALLANCE, ROBERT RYAN, US
[72] LI, SHUHE, US
[72] DANNENBERG, RAND D., US
[72] BARNOSKI, MICHAEL K., US
[71] NANOPRECISION PRODUCTS, INC., US
[85] 2016-11-09
[86] 2015-05-15 (PCT/US2015/031261)
[87] (WO2015/176050)
[30] US (61/994,089) 2014-05-15
[30] US (14/695,008) 2015-04-23

---

[21] **2,948,644**
[13] A1
[51] **Int.Cl. G06F 3/14 (2006.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **DATA MANIPULATION CUES**
[54] **REPERES DE MANIPULATION DE DONNEES**
[72] CHEUNG, CHIU YING, US
[72] NETZ, AMIR, US
[72] GOLAN, MOSHE, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2016-11-09
[86] 2015-06-01 (PCT/US2015/033448)
[87] (WO2015/187517)
[30] US (14/294,525) 2014-06-03

---

[21] **2,948,646**
[13] A1
[51] **Int.Cl. G06F 9/44 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SEMANTIC CONTENT ACCESSING IN A DEVELOPMENT SYSTEM**
[54] **ACCES A UN CONTENU SEMANTIQUE DANS UN SYSTEME DE DEVELOPPEMENT**
[72] SHAKIRZIANOV, ANTON, US
[72] NARAYANAN, SURIYA, US
[72] YU, LIANG, US
[72] KAMINSKI, TOMASZ, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2016-11-09
[86] 2015-06-01 (PCT/US2015/033554)
[87] (WO2015/187567)
[30] US (62/006,662) 2014-06-02
[30] US (14/539,521) 2014-11-12

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[21] **2,948,651**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **LEARNING AND USING CONTEXTUAL CONTENT RETRIEVAL RULES FOR QUERY DISAMBIGUATION**
[54] **APPRENTISSAGE ET UTILISATION DE REGLES D'EXTRACTION DE CONTENU CONTEXTUEL POUR DESAMBIGUISATION DE REQUETES**
[72] BENNETT, PAUL, US
[72] COLLINS-THOMPSON, KEVYN, US
[72] SARKIZOVA, SIRANUSH, US
[72] SHOKOUHI, MILAD, US
[72] SLOAN, MARC, US
[71] MICROSOFT TEHCNOLOGY LICENSING, LLC, US
[85] 2016-11-09
[86] 2015-06-16 (PCT/US2015/035905)
[87] (WO2015/195586)
[30] US (14/306,500) 2014-06-17

[21] **2,948,656**
[13] A1
[51] **Int.Cl. G06F 3/048 (2013.01) G06F 9/44 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **CINEMATIZATION OF OUTPUT IN COMPOUND DEVICE ENVIRONMENT**
[54] **CINEMATISATION D'UNE SORTIE DANS UN ENVIRONNEMENT DE DISPOSITIF COMPOSITE**
[72] MITAL, VIJAY, US
[72] RUBIN, DARRYL, US
[72] BAPAT, VIKRAM, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2016-11-09
[86] 2015-06-29 (PCT/US2015/038219)
[87] (WO2016/003848)
[30] US (14/320,083) 2014-06-30

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[21] **2,948,659**
[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 7/00 (2006.01)**
[25] EN
[54] **COMPOUND TRANSFORMATION CHAIN APPLICATION ACROSS MULTIPLE DEVICES**
[54] **APPLICATION DE CHAINE DE TRANSFORMATION DE COMPOSE A TRAVERS DE MULTIPLES DISPOSITIFS**
[72] MITAL, VIJAY, US
[72] RUBIN, DARRYL E., US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2016-11-09
[86] 2015-06-29 (PCT/US2015/038220)
[87] (WO2016/003849)
[30] US (14/320,111) 2014-06-30

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[21] **2,948,660**
[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 21/60 (2013.01) G06F 7/00 (2006.01) G06F 9/44 (2006.01)**
[25] EN
[54] **AUTHORIZATION OF JOINING OF TRANSFORMATION CHAIN INSTANCES**
[54] **AUTORISATION DE REUNION D'INSTANCES DE CHAINE DE TRANSFORMATION**
[72] MITAL, VIJAY, US
[72] RUBIN, DARRYL E., US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2016-11-09
[86] 2015-06-29 (PCT/US2015/038226)
[87] (WO2016/003853)
[30] US (14/320,187) 2014-06-30

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[21] **2,948,662**
[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 3/14 (2006.01) G06F 7/00 (2006.01)**
[25] EN
[54] **COMPOUND APPLICATION PRESENTATION ACROSS MULTIPLE DEVICES**
[54] **PRESENTATION D'APPLICATION COMPOSEE SUR DE MULTIPLES DISPOSITIFS**
[72] MITAL, VIJAY, US
[72] RUBIN, DARRYL, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2016-11-09
[86] 2015-06-30 (PCT/US2015/038406)
[87] (WO2016/003950)
[30] US (14/320,030) 2014-06-30

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[21] **2,948,732**
[13] A1
[51] **Int.Cl. G06F 3/0481 (2013.01)**
[25] EN
[54] **A METHOD AND SYSTEM FOR PROVIDING INTERACTIVITY WITHIN A VIRTUAL ENVIRONMENT**
[54] **PROCEDE ET SYSTEME POUR FOURNIR DE L'INTERACTIVITE A L'INTERIEUR D'UN ENVIRONNEMENT VIRTUEL**
[72] JOLY, EMILIE, CH
[72] JOLY, SYLVAIN, CH
[71] APELAB SARL, CH
[85] 2016-11-10
[86] 2015-06-02 (PCT/EP2015/062307)
[87] (WO2015/185579)
[30] US (62/006,727) 2014-06-02

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[21] **2,948,734**
[13] A1
[51] **Int.Cl. A47J 31/36 (2006.01) A47J 31/60 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PREPARING A BREWED BEVERAGE**
[54] **PROCEDE ET DISPOSITIF DE PREPARATION D'UNE BOISSON INFUSEE**
[72] HESSELBROCK, KATRIN, DE
[72] NEUHAUS, SVEN, DE
[72] PAHNKE, JAN, DE
[72] SCHANDL, GEROLD, DE
[72] KOHLER, ROBERT, DE
[72] UNGERER, MARKUS, DE
[72] WEBER, THOMAS, DE
[71] MELITTA SINGLE PORTIONS GMBH & CO. KG, DE
[85] 2016-11-10
[86] 2015-06-03 (PCT/EP2015/062356)
[87] (WO2016/005110)
[30] DE (10 2014 109 765.3) 2014-07-11

[21] **2,948,908**
[13] A1
[51] **Int.Cl. G06F 1/16 (2006.01) G09F 9/30 (2006.01)**
[25] EN
[54] **FLEXIBLE DISPLAY COMPUTING DEVICE**
[54] **DISPOSITIF INFORMATIQUE A ECRAN SOUPLE**
[72] TAZBAZ, ERROL M., US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC., US
[85] 2016-11-09
[86] 2015-06-08 (PCT/US2015/034614)
[87] (WO2015/191411)
[30] US (14/303,510) 2014-06-12

---

[21] **2,948,936**
[13] A1
[51] **Int.Cl. F16L 37/28 (2006.01) F16L 37/38 (2006.01) F16L 37/413 (2006.01)**
[25] EN
[54] **QUICK COUPLING ENGAGEABLE UNDER PRESSURE**
[54] **RACCORD RAPIDE POUVANT SE METTRE EN PRISE SOUS PRESSION**
[72] GENNASIO, ENRICO, IT
[72] MAZZOLI, STEFANO, IT
[72] DOI, RINALDO, IT
[71] ALFA GOMMA S.P.A., IT
[85] 2016-11-14
[86] 2015-05-08 (PCT/EP2015/060155)
[87] (WO2015/173131)
[30] IT (MI2014A 000860) 2014-05-12

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[21] **2,948,955**
[13] A1
[51] **Int.Cl. A61N 1/04 (2006.01) A61N 1/36 (2006.01)**
[25] EN
[54] **A STIMULATION ELECTRODE**
[54] **ELECTRODE DE STIMULATION**
[72] NEUVONEN, TUOMAS, FI
[72] VIRTANEN, JANI, FI
[72] NIKANDER, MIKA, FI
[71] SOOMA LTD, FI
[85] 2016-11-14
[86] 2015-05-13 (PCT/EP2015/060660)
[87] (WO2015/173335)
[30] EP (14168306.0) 2014-05-14

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[21] **2,948,958**
[13] A1
[51] **Int.Cl. A61N 5/10 (2006.01)**
[25] FR
[54] **METHOD FOR ESTIMATING THE DOSE ADMINISTERED BY AN EXTERNAL RADIOTHERAPY SYSTEM**
[54] **METHODE D'ESTIMATION DE LA DOSE DELIVREE PAR UN SYSTEME DE RADIOTHERAPIE EXTERNE**
[72] BOUTRY-DUTHIL, CHRISTINE, FR
[71] SAS D.R.E.A.M., FR
[85] 2016-11-14
[86] 2015-05-22 (PCT/EP2015/061393)
[87] (WO2015/177343)
[30] FR (14 54631) 2014-05-22

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[21] **2,949,028**
[13] A1
[51] **Int.Cl. A61K 31/497 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION COMPRISING PYRAZINE CARBOXAMIDE COMPOUND AS ACTIVE INGREDIENT**
[54] **COMPOSITION MEDICINALE COMPRENANT UN COMPOSE PYRAZINE CARBOXAMIDE UTILISE COMME PRINCIPE ACTIF**
[72] KONAGAI, SATOSHI, JP
[72] TANAKA, HIROAKI, JP
[72] YAMAMOTO, HIROKO, JP
[72] SAKAGAMI, HIDEKI, JP
[71] ASTELLAS PHARMA INC., JP
[85] 2016-11-14
[86] 2015-05-27 (PCT/JP2015/065154)
[87] (WO2015/182628)
[30] JP (2014-109952) 2014-05-28

---

[21] **2,949,029**
[13] A1
[51] **Int.Cl. B60P 3/40 (2006.01) F16L 1/028 (2006.01) F16L 1/235 (2006.01)**
[25] EN
[54] **AUTOMATED SYSTEM FOR LAYING PIPE**
[54] **SYSTEME DE POSE DE TUYAU AUTOMATISE**
[72] CHENEY, SHAUN AIRD, US
[72] CHENEY, LANDAN ALAN, US
[71] ISCO INDUSTRIES, INC., US
[85] 2016-11-14
[86] 2014-05-19 (PCT/US2014/038632)
[87] (WO2015/178884)

---

[21] **2,949,054**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **AUTOMATED PACKAGE RELOCATION FROM AN UNMANNED KIOSK**
[54] **DEPLACEMENT AUTOMATISE DE PAQUETS A PARTIR D'UN KIOSQUE SANS EFFECTIF**
[72] TREW, BRANDON KYLE, US
[72] HASSAM, AMEENA, US
[71] GOOGLE INC., US
[85] 2016-11-14
[86] 2015-05-01 (PCT/US2015/028823)
[87] (WO2015/175242)
[30] US (14/276,841) 2014-05-13

---

[21] **2,949,061**
[13] A1
[51] **Int.Cl. C22B 3/04 (2006.01) C22B 11/00 (2006.01)**
[25] EN
[54] **BRINE LEACHING PROCESS FOR RECOVERING VALUABLE METALS FROM OXIDE MATERIALS**
[54] **PROCEDE DE LIXIVIATION DE SAUMURE POUR LA RECUPERATION DE METAUX DE VALEUR A PARTIR DE MATERIAUX OXYDES**
[72] HOUHOULIS, MARTIN FRED, US
[71] SUMMIT MINING INTERNATIONAL INC., US
[85] 2016-11-14
[86] 2015-05-04 (PCT/US2015/029039)
[87] (WO2015/175251)
[30] US (61/992,036) 2014-05-12

[21] **2,949,066**
[13] A1
[51] **Int.Cl. F23R 3/00 (2006.01) F23R 3/04 (2006.01) F23R 3/06 (2006.01)**
[25] EN
[54] **COMBUSTION LINER WITH BIAS EFFUSION COOLING**
[54] **CHEMISE DE CHAMBRE DE COMBUSTION AVEC REFROIDISSEMENT PAR EFFUSION DE POLARISATION**
[72] OUMEJJOUD, KHALID, US
[72] RICHARDSON, BRIAN, US
[72] CUTRIGHT, JOHN, US
[72] MCMULLEN, NIKKI, US
[72] STUTTAFORD, PETER JOHN, US
[72] PARKER, RICHARD, US
[72] SONI, SUMIT, US
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[85] 2016-11-14
[86] 2015-05-12 (PCT/US2015/030323)
[87] (WO2015/175501)
[30] US (14/278,770) 2014-05-15

---

[21] **2,949,077**
[13] A1
[51] **Int.Cl. A61L 15/42 (2006.01) A44C 7/00 (2006.01)**
[25] EN
[54] **BIOABSORBABLE TISSUE SUPPORT ADJUNCTIVE TO TISSUE PIERCING**
[54] **SUPPORT POUR TISSU BIOABSORBABLE APPOINT AU PERCAGE DE TISSU**
[72] NATHAN, MARK DAVID, US
[72] SILBER, MICHAELLA MAXINE, US
[72] SILBER, NORMAN ISAAC, US
[71] BIOPIERCE TECHNOLOGIES, LLC, US
[85] 2016-11-14
[86] 2015-05-14 (PCT/US2015/030699)
[87] (WO2015/175744)
[30] US (61/993,363) 2014-05-15

---

[21] **2,949,115**
[13] A1
[51] **Int.Cl. B64F 1/02 (2006.01) B64D 3/00 (2006.01) B64B 1/06 (2006.01) B64C 39/00 (2006.01)**
[25] EN
[54] **UNMANNED AIR VEHICLE RECOVERY SYSTEM**
[54] **SYSTEME DE RECUPERATION DE VEHICULE AERIEN SANS PILOTE**
[72] MELISH, ROBERT C., US
[72] NEELD, KENNETH J., US
[72] ORNER, RICHARD L., JR., US
[71] ENGINEERED ARRESTING SYSTEMS CORPORATION, US
[85] 2016-11-14
[86] 2015-06-11 (PCT/US2015/035238)
[87] (WO2015/191804)
[30] US (61/997,847) 2014-06-11
[30] US (62/178,553) 2015-04-13

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[21] **2,949,116**
[13] A1
[51] **Int.Cl. A61M 35/00 (2006.01) A61B 5/00 (2006.01) A61B 5/103 (2006.01) B41J 2/01 (2006.01) B41J 2/175 (2006.01) B41J 3/407 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR MODIFYING KERATINOUS SURFACES**
[54] **APPAREIL ET PROCEDES DE MODIFICATION DE SURFACE KERATINIQUES**
[72] RABE, THOMAS ELLIOT, US
[72] SHERMAN, FAIZ FEISAL, US
[72] BUSH, STEPHAN GARY, US
[72] MESCHKAT, STEPHAN JAMES ANDREAS, DE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-11-14
[86] 2015-06-11 (PCT/US2015/035278)
[87] (WO2015/191823)
[30] US (62/011,828) 2014-06-13

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[21] **2,949,118**
[13] A1
[51] **Int.Cl. A61M 35/00 (2006.01) A61B 5/00 (2006.01) A61B 5/103 (2006.01) B41J 2/01 (2006.01) B41J 2/175 (2006.01) B41J 3/407 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR MODIFYING KERATINOUS SURFACES**
[54] **APPAREIL ET PROCEDES DE MODIFICATION DE SURFACES KERATINIQUES**
[72] RABE, THOMAS ELLIOT, US
[72] SHERMAN, FAIZ FEISAL, US
[72] BUSH, STEPHAN GARY, US
[72] MESCHKAT, STEPHAN JAMES ANDREAS, DE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-11-14
[86] 2015-06-11 (PCT/US2015/035279)
[87] (WO2015/191824)
[30] US (62/011,842) 2014-06-13

---

[21] **2,949,119**
[13] A1
[51] **Int.Cl. A61M 35/00 (2006.01) A61B 5/00 (2006.01) A61B 5/103 (2006.01) B41J 2/01 (2006.01) B41J 2/175 (2006.01) B41J 3/407 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR MODIFYING KERATINOUS SURFACES**
[54] **APPAREIL ET PROCEDES DE MODIFICATION DE SURFACE KERATINIQUE**
[72] RABE, THOMAS ELLIOT, US
[72] SHERMAN, FAIZ FEISAL, US
[72] BUSH, STEPHAN GARY, US
[72] MESCHKAT, STEPHAN JAMES ANDREAS, DE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-11-14
[86] 2015-06-11 (PCT/US2015/035288)
[87] (WO2015/191829)
[30] US (62/011,846) 2014-06-13

[21] **2,949,167**
[13] A1
[51] **Int.Cl. A61B 50/30 (2016.01) A61B 50/33 (2016.01) A61M 1/00 (2006.01) A61M 27/00 (2006.01)**
[25] EN
[54] **REDUCED PRESSURE WOUND THERAPY KIT AND PACKAGING**
[54] **KIT ET EMBALLAGE DE THERAPIE DE PLAIE PAR PRESSION REDUITE**
[72] COLLINSON, SARAH JENNY, GB
[72] LOVE, BEVERLEY, GB
[72] SLEIGHT, PETER, GB
[72] RUSSELL, MARK, GB
[72] WALSH, PHILIP, GB
[72] BINDER, IAN, GB
[72] COWAN-HUGHES, JOHN, GB
[72] GOWANS, JOHN, GB
[72] PATTERSON, DAVID, GB
[71] SMITH & NEPHEW PLC, GB
[85] 2016-11-15
[86] 2015-05-15 (PCT/EP2015/060757)
[87] (WO2015/173389)
[30] US (61/994,782) 2014-05-16

---

[21] **2,949,175**
[13] A1
[51] **Int.Cl. F03D 17/00 (2016.01) F03D 1/06 (2006.01) F03D 7/02 (2006.01)**
[25] EN
[54] **WIND TURBINE WITH OPTICAL PRESSURE SENSORS AND METHOD FOR OPERATING A WIND TURBINE**
[54] **EOLIENNE POURVUE DE CAPTEURS DE PRESSION OPTIQUES ET PROCEDES PERMETTANT DE FAIRE FONCTIONNER UNE EOLIENNE**
[72] ALTMIKUS, ANDREE, DE
[72] KUHN, MARVIN, DE
[72] NAPIERALA, CHRISTIAN, DE
[72] STOLTENJOHANNES, JURGEN, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2016-11-15
[86] 2015-06-05 (PCT/EP2015/062564)
[87] (WO2015/185720)
[30] DE (10 2014 210 949.3) 2014-06-06

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[21] **2,949,186**
[13] A1
[51] **Int.Cl. A61B 17/80 (2006.01) A61B 17/84 (2006.01)**
[25] EN
[54] **FIXING DEVICE FOR BONE FRACTURES**
[54] **DISPOSITIF DE FIXATION POUR DES FRACTURES OSSEUSES**
[72] HIPP, MARKUS, DE
[72] WIRTH, ANDRE, DE
[71] HIPP MEDICAL AG, DE
[85] 2016-11-15
[86] 2015-05-21 (PCT/EP2015/061319)
[87] (WO2015/181057)
[30] DE (10 2014 107 497.1) 2014-05-27

---

[21] **2,949,209**
[13] A1
[51] **Int.Cl. G01S 5/02 (2010.01)**
[25] EN
[54] **DIRECT GEOLOCATION FROM TDOA, FDOA, AND AGL**
[54] **GEOLOCALISATION DIRECTE A PARTIR DE LA TDOA, DE LA FDOA ET DE L'AGL**
[72] BROAD, JOHN T., US
[71] RAYTHEON COMPANY, US
[85] 2016-11-15
[86] 2015-03-20 (PCT/US2015/021726)
[87] (WO2015/179016)
[30] US (14/283,826) 2014-05-21

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[21] **2,949,217**
[13] A1
[51] **Int.Cl. E21D 11/28 (2006.01) E21D 11/24 (2006.01) E21D 11/18 (2006.01) E21D 11/30 (2006.01)**
[25] EN
[54] **RIB FOR SUPPORTING AND CONSOLIDATING AN EXCAVATION AND METHOD FOR INSTALLING A STRUCTURE TO SUPPORT AND CONSOLIDATE AN EXCAVATION**
[54] **NERVURE PERMETTANT DE SUPPORTER ET DE CONSOLIDER UNE EXCAVATION ET PROCEDE PERMETTANT D'INSTALLER UNE STRUCTURE DESTINEE A SUPPORTER ET CONSOLIDER UNE EXCAVATION**
[72] BONOMI, CRISTIANO, IT
[72] CULLACIATI, ALFREDO, IT
[71] OFFICINE MACCAFERRI ITALIA S.R.L., IT
[85] 2016-11-15
[86] 2015-05-28 (PCT/IB2015/054022)
[87] (WO2015/186028)
[30] IT (BO2014A000323) 2014-06-04

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[21] **2,949,228**
[13] A1
[51] **Int.Cl. C02F 1/14 (2006.01) B01D 1/26 (2006.01) B01D 5/00 (2006.01)**
[25] EN
[54] **MULTI-EFFECT SOLAR DISTILLATION SYSTEM AND ASSOCIATED METHODS**
[54] **SYSTEME DE DISTILLATION SOLAIRE MULTI-EFFET ET PROCEDES ASSOCIES**
[72] POLK, DALE, JR., US
[72] POLK, TIMOTHY, US
[71] D AND D MANUFACTURING, US
[85] 2016-11-15
[86] 2015-05-19 (PCT/US2015/031480)
[87] (WO2015/179342)
[30] US (62/000,209) 2014-05-19
[30] US (14/714,709) 2015-05-18

[21] **2,949,230**
[13] A1
[51] **Int.Cl. H04L 12/725 (2013.01) H04L 12/723 (2013.01)**
[25] EN
[54] **QUALITY OF SERVICE MANAGEMENT SYSTEM FOR A COMMUNICATION NETWORK**
[54] **SYSTEME DE GESTION DE QUALITE DE SERVICE POUR UN RESEAU DE COMMUNICATION**
[72] HADAVI, MARCUS, US
[72] RYAN, JAMES, US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
[85] 2016-11-15
[86] 2015-05-14 (PCT/US2015/030837)
[87] (WO2015/175810)
[30] US (61/994,531) 2014-05-16
[30] US (14/320,043) 2014-06-30

[21] **2,949,232**
[13] A1
[51] **Int.Cl. C12Q 1/26 (2006.01) A61K 35/74 (2015.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR REDUCING CLOSTRIDIUM DIFFICILE INFECTION**
[54] **PROCEDES ET COMPOSITIONS POUR REDUIRE UNE INFECTION PAR CLOSTRIDIUM DIFFICILE**
[72] PAMER, ERIC G., US
[72] BUFFIE, CHARLIE, US
[72] MCKENNEY, PETER, US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[85] 2016-11-15
[86] 2015-05-19 (PCT/US2015/031627)
[87] (WO2015/179437)
[30] US (62/000,308) 2014-05-19

[21] **2,949,235**
[13] A1
[51] **Int.Cl. B01D 53/02 (2006.01) B22C 1/00 (2006.01) C09K 8/80 (2006.01)**
[25] EN
[54] **RESIN-COATED SUBSTRATE COMPOSITIONS AND METHODS OF MAKING THE SAME**
[54] **COMPOSITIONS DE SUBSTRAT ENDUIT DE RESINE ET LEURS PROCEDES DE FABRICATION**
[72] GROVE, DALE ADDISON, US
[71] U.S. SILICA COMPANY, US
[85] 2016-11-15
[86] 2015-05-14 (PCT/US2015/030915)
[87] (WO2015/175850)
[30] US (61/994,040) 2014-05-15

[21] **2,949,272**
[13] A1
[51] **Int.Cl. B29C 45/20 (2006.01)**
[25] EN
[54] **SPRING RETAINING PIN FOR VALVE STEM RETENTION**
[54] **BROCHE DE RETENUE DE RESSORT POUR RETENUE DE TIGE DE SOUPAPE**
[72] HALL, DOUGLAS OLIVER, US
[72] DEZON-GAILLARD, PATRICE FABIEN, US
[72] BELZILE, MANON DANIELLE, US
[72] JENKO, EDWARD JOSEPH, US
[72] KNAPP, JOHN, US
[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[85] 2016-11-15
[86] 2015-06-26 (PCT/US2015/037963)
[87] (WO2016/003796)
[30] US (62/018,695) 2014-06-30

[21] **2,949,274**
[13] A1
[51] **Int.Cl. A01N 47/18 (2006.01) A01N 25/02 (2006.01) A01N 25/30 (2006.01) A01N 43/653 (2006.01) A01N 47/12 (2006.01) A01P 1/00 (2006.01) B27K 3/34 (2006.01) C09D 5/14 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL COMPOSITION FOR PROTECTING WOOD**
[54] **COMPOSITION ANTIMICROBIENNE POUR PROTEGER LE BOIS**
[72] BOS, ERIC, CA
[72] VIDOVIC, NENAD, CA
[71] BOS HOLDINGS INC., CA
[85] 2016-11-16
[86] 2015-05-20 (PCT/CA2015/000356)
[87] (WO2015/176171)
[30] CA (2,852,530) 2014-05-21

[21] **2,949,305**
[13] A1
[51] **Int.Cl. C01B 25/45 (2006.01) H01M 4/136 (2010.01) H01M 4/1397 (2010.01)**
[25] EN
[54] **PROCESSES FOR PRODUCING LIMXO4 AND PRODUCTS THEREOF**
[54] **PROCEDES DE PRODUCTION DE LIMOX4 ET PRODUITS ASSOCIES**
[72] GAUTHIER, MICHEL, CA
[72] CHARTRAND, PATRICE, CA
[72] TALEBI-ESFANDARANI, MAJID, CA
[72] SAURIOL, PIERRE, CA
[72] DOLLE MICKAEL, CA
[72] DUFOUR, JASMIN, CA
[72] LIANG, GUOXIAN, CA
[71] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB
[71] LA CORPORATION DE L'ECOLE POLYTECHNIQUE DE MONTREAL, CA
[71] UNIVERSITE DE MONTREAL, CA
[85] 2016-11-16
[86] 2015-05-26 (PCT/CA2015/050474)
[87] (WO2015/179972)
[30] US (62/002,958) 2014-05-26

[21] **2,949,320**
[13] A1
[51] **Int.Cl. H01Q 1/22 (2006.01) G06F 3/041 (2006.01)**
[25] EN
[54] **SENSING SCREEN, CONTROL CIRCUIT AND CONTROL METHOD THEREOF, AND SENSING SCREEN APPARATUS**
[54] **ECRAN TACTILE, SON CIRCUIT DE COMMANDE, SON PROCEDE DE COMMANDE, ET APPAREIL A ECRAN TACTILE**
[72] CAI, HUA, CN
[72] CAO, CHANG, CN
[72] CHEN, JINGTAO, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-11-16
[86] 2014-06-11 (PCT/CN2014/079647)
[87] (WO2015/188323)

[21] **2,949,332**
[13] A1
[51] **Int.Cl. H04L 12/931 (2013.01)**
[25] FR
[54] **DIGITAL FRAME SWITCH**
[54] **COMMUTATEUR DE TRAMES NUMERIQUES**
[72] ORTAIS, PAUL, FR
[71] ORTAIS, PAUL, FR
[85] 2016-11-16
[86] 2015-05-19 (PCT/FR2015/051299)
[87] (WO2015/177452)
[30] FR (1454573) 2014-05-21

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[21] **2,949,335**
[13] A1
[51] **Int.Cl. B60R 16/023 (2006.01)**
[25] EN
[54] **FLUID SYSTEM AND METHOD**
[54] **SYSTEME FLUIDIQUE ET PROCEDE**
[72] BARNES, ANDREW PHILIP, GB
[72] BRETT, PETER STUART, GB
[72] GOODIER, STEVEN PAUL, GB
[72] LAKE, TIMOTHY HUGH, GB
[72] O'MALLEY, MARK, GB
[72] TAYLOR, OLIVER PAUL, GB
[72] WILLIAMS, DAVID JOHN ROACH, GB
[71] CASTROL LIMITED, GB
[85] 2016-11-16
[86] 2014-05-21 (PCT/GB2014/051567)
[87] (WO2015/177489)

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[21] **2,949,340**
[13] A1
[51] **Int.Cl. C23C 22/00 (2006.01) B05C 1/08 (2006.01) B05D 1/28 (2006.01) B05D 7/14 (2006.01) B21B 38/04 (2006.01) B21B 39/00 (2006.01) B41F 19/00 (2006.01) B41F 21/00 (2006.01) C23C 22/36 (2006.01) C23C 22/77 (2006.01) G01B 7/06 (2006.01) G01B 11/06 (2006.01)**
[25] FR
[54] **PROCESS FOR MANUFACTURING A STEEL STRIP FOR PACKAGING AND ASSOCIATED EQUIPMENT**
[54] **PROCEDE DE FABRICATION D'UNE BANDE D'ACIER POUR EMBALLAGE ET EQUIPEMENT ASSOCIE**
[72] STOUFF, MATHIAS, FR
[72] GLIJER, DAVID, FR
[72] MARQUAIS, THIERRY, FR
[72] LEQUIPPE, GUILLAUME, FR
[72] LECLERC, THIBAULT, FR
[72] FRIEDRICH, MARC, FR
[71] ARCELORMITTAL, LU
[85] 2016-11-16
[86] 2014-05-16 (PCT/IB2014/000745)
[87] (WO2015/173600)

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[21] **2,949,341**
[13] A1
[51] **Int.Cl. H03M 13/27 (2006.01) H03M 13/11 (2006.01) H04L 1/00 (2006.01)**
[25] EN
[54] **TRANSMITTING APPARATUS AND INTERLEAVING METHOD THEREOF**
[54] **APPAREIL EMETTEUR ET SON PROCEDE D'ENTRELACEMENT**
[72] MYUNG, SE-HO, KR
[72] KIM, KYUNG-JOONG, KR
[72] JEONG, HONG-SIL, KR
[72] LOBETE, ANSORREGUI DANIEL, GB
[72] MOUHOUCHE, BELKACEM, GB
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2016-11-16
[86] 2015-05-21 (PCT/KR2015/005097)
[87] (WO2015/178693)
[30] US (62/001,160) 2014-05-21
[30] KR (10-2015-0069924) 2015-05-19

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[21] **2,949,342**
[13] A1
[51] **Int.Cl. A01N 31/14 (2006.01) A01N 25/02 (2006.01) A01N 43/40 (2006.01) A01N 51/00 (2006.01)**
[25] EN
[54] **TOPICAL LIQUID INSECTICIDE COMPOSITIONS**
[54] **COMPOSITIONS INSECTICIDES LIQUIDES A ADMINISTRER PAR VOIE TOPIQUE**
[72] COTTRELL, IAN, US
[71] SUMITOMO CORPORATION, JP
[85] 2016-11-16
[86] 2014-05-22 (PCT/IB2014/001594)
[87] (WO2015/177587)

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[21] **2,949,343**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01) G06F 12/00 (2006.01) G06F 17/20 (2006.01)**
[25] EN
[54] **A METHOD OF SEARCHING TEXT BASED ON TWO COMPUTER HARDWARE PROCESSING PROPERTIES: INDIRECT MEMORY ADDRESSING AND ASCII ENCODING**
[54] **PROCEDE DE RECHERCHE DE TEXTE SUR LA BASE DE DEUX PROPRIETES DE TRAITEMENT DE MATERIEL INFORMATIQUE : ADRESSAGE DE MEMOIRE INDIRECT ET CODAGE ASCII**
[72] THABIT, KHALID OMAR, SA
[71] THABIT, KHALID OMAR, SA
[85] 2016-11-16
[86] 2014-05-17 (PCT/IB2014/001824)
[87] (WO2015/177588)

[21] **2,949,347**
[13] A1
[51] **Int.Cl. H04J 11/00 (2006.01) H04B 7/26 (2006.01)**
[25] EN
[54] **DATA TRANSMISSION METHOD AND APPARATUS BY DEVICE TO DEVICE TERMINAL IN WIRELESS COMMUNICATION SYSTEM**
[54] **PROCEDE ET APPAREIL DE TRANSMISSION DE DONNEES PAR UN TERMINAL D2D DANS UN SYSTEME DE COMMUNICATIONS SANS FIL**
[72] CHAE, HYUKJIN, KR
[72] SEO, HANBYUL, KR
[72] KIM, BYOUNGHOON, KR
[72] KIM, MYOUNGSEOB, KR
[71] LG ELECTRONICS INC., KR
[85] 2016-11-16
[86] 2015-05-27 (PCT/KR2015/005294)
[87] (WO2015/182982)
[30] US (62/003,518) 2014-05-27
[30] US (62/004,878) 2014-05-29
[30] US (62/034,760) 2014-08-07
[30] US (62/035,421) 2014-08-09
[30] US (62/040,428) 2014-08-22
[30] US (62/043,419) 2014-08-29
[30] US (62/055,644) 2014-09-25
[30] US (62/074,629) 2014-11-03

[21] **2,949,348**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 40/02 (2012.01) G06F 15/16 (2006.01)**
[25] EN
[54] **SYSTEM AND APPARATUS FOR IDENTIFIER MATCHING AND MANAGEMENT**
[54] **SYSTEME ET APPAREIL DE MISE EN CORRESPONDANCE D'IDENTIFIANTS ET DE GESTION**
[72] CHELKO, JEFFREY, US
[72] FARACH, JULIO, US
[72] GRIMES, SCOTT, US
[72] SCHAB, JOSEPH, US
[72] WARHAFTIG, JACOB, US
[71] CARDLYTICS, INC., US
[85] 2016-11-16
[86] 2015-02-09 (PCT/US2015/015008)
[87] (WO2015/175033)
[30] US (61/994,656) 2014-05-16

[21] **2,949,351**
[13] A1
[51] **Int.Cl. G06Q 10/04 (2012.01) G06F 17/10 (2006.01)**
[25] EN
[54] **METHODS FOR STATISTICAL PREDICTION OF WELL PRODUCTION AND RESERVES**
[54] **PROCEDES DE PRODUCTION DE STATISTIQUES DE PRODUCTION DE PUITS ET DE RESERVES**
[72] FULFORD, DAVID, US
[71] APACHE CORPORATION, US
[85] 2016-11-16
[86] 2015-04-29 (PCT/US2015/028142)
[87] (WO2015/175216)
[30] US (61/994,147) 2014-05-16

[21] **2,949,352**
[13] A1
[51] **Int.Cl. C22C 37/00 (2006.01) C22C 37/06 (2006.01)**
[25] EN
[54] **HYPEREUTECTIC WHITE IRON ALLOYS COMPRISING CHROMIUM AND NITROGEN AND ARTICLES MADE THEREFROM**
[54] **ALLIAGES DE FER BLANC HYPEREUTECTIQUES CONTENANT DU CHROME ET DE L'AZOTE, ET ARTICLES FABRIQUES A PARTIR DE CES ALLIAGES**
[72] RADON, ROMAN, US
[72] RADON, RAPHAEL, US
[71] RADON, ROMAN, US
[71] RADON, RAPHAEL, US
[85] 2016-11-16
[86] 2015-05-15 (PCT/US2015/031120)
[87] (WO2015/175959)
[30] US (14/279,600) 2014-05-16

[21] **2,949,353**
[13] A1
[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 10/04 (2012.01) G06F 17/00 (2006.01)**
[25] EN
[54] **COMPUTER-IMPLEMENTED SYSTEMS AND METHODS OF ANALYZING DATA IN AN AD-HOC NETWORK FOR PREDICTIVE DECISION-MAKING**
[54] **SYSTEMES ET PROCEDES MIS EN □UVRE PAR ORDINATEUR POUR ANALYSER DES DONNEES DANS UN RESEAU AD HOC POUR UNE PRISE DE DECISION PREDICTIVE**
[72] BLOOMQUIST, KIRK ELLIOT, US
[72] GROSECLOSE, DENNIS WILLIAM, US
[71] TRANSVOYANT LLC, US
[71] BLOOMQUIST, KIRK ELLIOT, US
[71] GROSECLOSE, DENNIS WILLIAM, US
[85] 2016-11-16
[86] 2015-04-29 (PCT/US2015/028282)
[87] (WO2015/195205)
[30] US (14/279,526) 2014-05-16

[21] **2,949,354**
[13] A1
[51] **Int.Cl. A47C 17/82 (2006.01) A45C 9/00 (2006.01) A47D 7/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR ESTABLISHING A PLACE OF REST FOR SMALL CHILDREN**
[54] **PROCEDE ET DISPOSITIF POUR ETABLIR UN LIEU DE REPOS POUR JEUNES ENFANTS**
[72] HOLMGREN, HALVOR, NO
[71] JETKIDS AS, NO
[85] 2016-11-16
[86] 2015-06-02 (PCT/NO2015/050098)
[87] (WO2015/187033)
[30] NO (20140682) 2014-06-02

[21] **2,949,355**
[13] A1
[51] **Int.Cl. C07K 14/435 (2006.01) C07K 1/00 (2006.01) C11C 5/02 (2006.01) C12N 15/00 (2006.01) C12P 21/06 (2006.01)**
[25] EN
[54] **GENETICALLY ENCODED SENSORS FOR IMAGING PROTEINS AND THEIR COMPLEXES**
[54] **CAPTEURS GENETIQUEMENT ENCODES POUR L'IMAGERIE DE PROTEINES ET DE LEURS COMPLEXES**
[72] YAN, YULING, US
[72] MARRIOTT, GERARD, US
[72] HOEPKER, ALEXANDER CHRIS, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] PRESIDENT AND BOARD OF TRUSTEES OF SANTA CLARA COLLEGE, US
[85] 2016-11-16
[86] 2014-05-19 (PCT/US2014/038644)
[87] (WO2014/189854)
[30] US (61/825,434) 2013-05-20

---

[21] **2,949,356**
[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01)**
[25] EN
[54] **ASSET ESTIMATE GENERATION SYSTEM**
[54] **SYSTEME DE GENERATION D'ESTIMATIONS D'ACTIFS**
[72] KOST, JONATHAN E., US
[72] BEGIN, PASCAL, CA
[72] DUCAS, LUC, CA
[71] SYMBILITY SOLUTIONS INC., US
[85] 2016-11-16
[86] 2015-05-15 (PCT/US2015/031003)
[87] (WO2015/175895)
[30] US (61/994,754) 2014-05-16

---

[21] **2,949,357**
[13] A1
[51] **Int.Cl. E02B 15/04 (2006.01) E02B 15/10 (2006.01)**
[25] EN
[54] **SPILL REMOVAL METHOD AND SYSTEM**
[54] **SYSTEME ET PROCEDE D'ELIMINATION DES DEVERSEMENTS**
[72] LACROSSE, JAMES, US
[72] BAKER, JOHN, US
[71] OPFLEX TECHNOLOGIES, LLC, US
[85] 2016-11-16
[86] 2015-05-01 (PCT/US2015/028913)
[87] (WO2015/168633)
[30] US (61/987,600) 2014-05-02

---

[21] **2,949,359**
[13] A1
[51] **Int.Cl. A61N 1/04 (2006.01) A61N 1/36 (2006.01)**
[25] EN
[54] **LOWER BACK ELECTRICAL STIMULATOR**
[54] **STIMULATEUR ELECTRIQUE DU BAS DU DOS**
[72] MUCCIO, PHILIP, US
[71] AXIOBIONICS, US
[85] 2016-11-16
[86] 2015-05-15 (PCT/US2015/031183)
[87] (WO2015/175996)
[30] US (61/994,441) 2014-05-16

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[21] **2,949,360**
[13] A1
[51] **Int.Cl. G05D 1/02 (2006.01) E01F 13/00 (2006.01) E21F 17/00 (2006.01) F16P 3/14 (2006.01) G08G 1/16 (2006.01)**
[25] EN
[54] **SAFETY SYSTEM FOR AUTOMATED OPERATION OF MINING VEHICLES AND METHOD FOR SUCH A SAFETY SYSTEM**
[54] **SYSTEME DE SECURITE POUR LE FONCTIONNEMENT AUTOMATISE DE VEHICULES MINIERS ET PROCEDE POUR UN TEL SYSTEME DE SECURITE**
[72] HENDEBERG, RICHARD, SE
[71] ATLAS COPCO ROCK DRILLS AB, SE
[85] 2016-11-16
[86] 2015-05-29 (PCT/SE2015/050627)
[87] (WO2015/187081)
[30] SE (1450691-9) 2014-06-05

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[21] **2,949,361**
[13] A1
[51] **Int.Cl. C01G 3/05 (2006.01)**
[25] EN
[54] **MICRONUTRIENT SUPPLEMENT MADE FROM COPPER METAL**
[54] **COMPLEMENT DE MICRONUTRIMENT A BASE DE CUIVRE METALLIQUE**
[72] LEISURE, NICHOLAS J., US
[71] MICRONUTRIENTS USA LLC, US
[85] 2016-11-16
[86] 2015-05-14 (PCT/US2015/030758)
[87] (WO2015/175771)
[30] US (14/279,731) 2014-05-16

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[21] **2,949,362**
[13] A1
[51] **Int.Cl. H04N 5/353 (2011.01) H04N 21/242 (2011.01) G03B 13/00 (2006.01)**
[25] EN
[54] **SYNCHRONIZED LIGHT SOURCE FOR ROLLING SHUTTER IMAGERS**
[54] **SOURCE DE LUMIERE SYNCHRONISEE POUR IMAGEURS DU TYPE A "VOLET ROULANT"**
[72] UPTON, WAYNE, US
[71] REDBEARD VENTURES, LLC, US
[85] 2016-11-16
[86] 2014-05-19 (PCT/US2014/038563)
[87] (WO2015/178879)

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[21] **2,949,363**
[13] A1
[51] **Int.Cl. A61B 17/062 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SUTURING TISSUE**
[54] **SYSTEMES ET METHODES DE SUTURE DE TISSUS**
[72] DOLAN, DAVID P., US
[72] MORGAN, DAN, US
[72] LANE, JOSEPH P., US
[72] SABIN, PAUL, US
[72] LAUDER, NICK, US
[71] SAFEPATH MEDICAL, INC., US
[85] 2016-11-16
[86] 2015-05-15 (PCT/US2015/031185)
[87] (WO2015/179247)
[30] US (61/994,890) 2014-05-17
[30] US (62/149,532) 2015-04-18

[21] **2,949,364**
[13] A1
[51] **Int.Cl. C01B 33/02 (2006.01) H01M 4/48 (2010.01)**
[25] EN
[54] **SILICON MATERIAL AND NEGATIVE ELECTRODE OF SECONDARY BATTERY**
[54] **MATERIAU A BASE DE SILICIUM ET ELECTRODE NEGATIVE DE BATTERIE RECHARGEABLE**
[72] MOHRI, TAKASHI, JP
[72] NAKANISHI, MASATAKA, JP
[72] OSHIMA, HIROKI, JP
[72] HARATA, MASANORI, JP
[72] GODA, NOBUHIRO, JP
[71] KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JP
[85] 2016-11-16
[86] 2015-05-26 (PCT/JP2015/002651)
[87] (WO2015/182123)
[30] JP (2014-110827) 2014-05-29

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[21] **2,949,365**
[13] A1
[51] **Int.Cl. A61K 51/10 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ONE-STEP LABELING OF ANTIBODIES TO HIGH SPECIFIC ACTIVITY WITH ACTINIUM-225**
[54] **MARQUAGE EN UNE ETAPE PAR ACTINIUM-225 D'ANTICORPS POUR OBTENIR UNE HAUTE ACTIVITE SPECIFIQUE**
[72] SCHEINBERG, DAVID A., US
[72] SMITH-JONES, PETER M., US
[72] MCDEVITT, MICHAEL R., US
[72] MAGUIRE, WILLIAM F., US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
[85] 2016-11-16
[86] 2015-05-18 (PCT/US2015/031326)
[87] (WO2015/176056)
[30] US (61/994,318) 2014-05-16
[30] US (62/131,322) 2015-03-11

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[21] **2,949,366**
[13] A1
[51] **Int.Cl. G06Q 20/34 (2012.01) G06Q 20/10 (2012.01)**
[25] EN
[54] **APPARATUS, METHOD, AND COMPUTER PROGRAM PRODUCT FOR BUS RAPID TRANSIT TICKETING AND THE LIKE**
[54] **REGLEMENT A UN COMPTE DE CARTE DE MARCHAND A L'AIDE D'UNE PLATEFORME DE PAIEMENT DE FACTURE EN LIGNE**
[72] KIMBERG, M. DEBORAH, US
[72] REED, DEREK, US
[72] SIMS, LISA, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2016-11-16
[86] 2015-05-15 (PCT/US2015/030951)
[87] (WO2015/179220)
[30] US (62/000,242) 2014-05-19
[30] US (14/707,807) 2015-05-08

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[21] **2,949,368**
[13] A1
[51] **Int.Cl. C09J 7/02 (2006.01)**
[25] EN
[54] **TIE-LAYER ADHESIVES HAVING IMPROVED ADHESION AND MELT STRENGTH**
[54] **ADHESIFS DE COUCHE DE LIAISON PRESENTANT UNE ADHERENCE ET UNE RESISTANCE A L'ETAT FONDU AMELIOREES**
[72] BOTROS, MAGED G., US
[71] EQUISTAR CHEMICALS, LP, US
[85] 2016-11-16
[86] 2015-05-28 (PCT/US2015/032992)
[87] (WO2015/184147)
[30] US (62/005,493) 2014-05-30

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[21] **2,949,369**
[13] A1
[51] **Int.Cl. A61K 35/06 (2006.01) A61K 35/60 (2006.01)**
[25] EN
[54] **FOOD AND BEVERAGE COMPOSITIONS INFUSED WITH LIPOPHILIC ACTIVE AGENTS AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS D'ALIMENTS ET DE BOISSONS DANS LESQUELLES ONT ETE INFUSEES DES CANNABINOIDES, ET LEURS PROCEDES D'UTILISATION**
[72] WASHINGTON, MARIAN E., US
[72] REILLO, MICHELLE, US
[71] POVIVA TEA, LLC, US
[85] 2016-11-16
[86] 2015-06-10 (PCT/US2015/035128)
[87] (WO2015/191728)
[30] US (62/010,601) 2014-06-11
[30] US (62/037,706) 2014-08-15
[30] US (62/153,835) 2015-04-28
[30] US (62/161,314) 2015-05-14
[30] US (62/161,324) 2015-05-14

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[21] **2,949,370**
[13] A1
[51] **Int.Cl. G08B 13/196 (2006.01) G08B 3/00 (2006.01) G08B 21/02 (2006.01) G10L 15/00 (2013.01)**
[25] EN
[54] **DETECTING A PREMISE CONDITION USING AUDIO ANALYTICS**
[54] **DETECTION D'UNE CONDITION DANS UN LOCAL AU MOYEN DE L'ANALYTIQUE AUDIO**
[72] CHILD, MICHAEL DAVID, US
[72] WARREN, JEREMY B., US
[72] NYE, JAMES E., US
[71] VIVINT, INC., US
[85] 2016-11-16
[86] 2015-06-10 (PCT/US2015/035119)
[87] (WO2015/191722)
[30] US (14/304,644) 2014-06-13
[30] US (14/316,597) 2014-06-26

[21] **2,949,371**
[13] A1
[51] **Int.Cl. H03M 13/27 (2006.01) H03M 13/11 (2006.01) H04L 1/00 (2006.01)**
[25] EN
[54] **TRANSMITTING APPARATUS AND INTERLEAVING METHOD THEREOF**
[54] **APPAREIL EMETTEUR ET SON PROCEDE D'ENTRELACEMENT**
[72] JEONG, HONG-SIL, KR
[72] KIM, KYUNG-JOONG, KR
[72] MYUNG, SE-HO, KR
[72] LOBETE, ANSORREGUI DANIEL, GB
[72] MOUHOUCHE, BELKACEM, GB
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2016-11-16
[86] 2015-05-21 (PCT/KR2015/005101)
[87] (WO2015/178695)
[30] US (62/001,168) 2014-05-21
[30] KR (10-2015-0000672) 2015-01-05

[21] **2,949,372**
[13] A1
[51] **Int.Cl. A61K 9/20 (2006.01) A61D 7/00 (2006.01)**
[25] EN
[54] **EXPANDABLE GASTRORETENTIVE DOSAGE FORM**
[54] **FORME POSOLOGIQUE A RETENTION GASTRIQUE EXPANSIBLE**
[72] MENACHEM, AVSHALOM BEN, IL
[72] ZALIT, ILAN, IL
[71] TEVA PHARMACEUTICAL INDUSTRIES LTD., IL
[85] 2016-11-16
[86] 2015-06-02 (PCT/US2015/033850)
[87] (WO2015/187746)
[30] US (62/006,541) 2014-06-02
[30] US (62/093,763) 2014-12-18

[21] **2,949,373**
[13] A1
[51] **Int.Cl. B32B 27/36 (2006.01) B32B 27/32 (2006.01) C08J 5/18 (2006.01)**
[25] EN
[54] **POLYMERIC BLENDS AND ARTICLES MADE THEREFROM**
[54] **MELANGES POLYMERES ET ARTICLES FABRIQUES A PARTIR DE CEUX-CI**
[72] LI, FENGKUI, US
[72] ASHBAUGH, JOHN, US
[71] FINA TECHNOLOGY, INC., US
[85] 2016-11-16
[86] 2015-06-12 (PCT/US2015/035542)
[87] (WO2015/191994)
[30] US (14/304,392) 2014-06-13

[21] **2,949,376**
[13] A1
[51] **Int.Cl. C12Q 1/70 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **GROWTH-INDEPENDENT DETECTION OF CELLS**
[54] **DETECTION DE CELLULES INDEPENDANTE DE LA CROISSANCE**
[72] REY, DIEGO ARIEL, US
[71] GENEWEAVE BIOSCIENCES, INC., US
[85] 2016-11-16
[86] 2015-06-12 (PCT/US2015/035611)
[87] (WO2015/192043)
[30] US (62/011,660) 2014-06-13

[21] **2,949,377**
[13] A1
[51] **Int.Cl. G05B 13/02 (2006.01)**
[25] EN
[54] **SELECTING A LEVEL OF AUTONOMY**
[54] **SELECTION D'UN NIVEAU D'AUTONOMIE**
[72] LIN, RONGBIN LANNY, US
[72] BUNKER, BRANDON, US
[71] VIVINT, INC., US
[85] 2016-11-16
[86] 2015-06-03 (PCT/US2015/034067)
[87] (WO2015/191350)
[30] US (14/304,678) 2014-06-13

[21] **2,949,381**
[13] A1
[51] **Int.Cl. C12N 1/13 (2006.01) C12N 15/16 (2006.01) C12N 15/21 (2006.01) C12N 15/27 (2006.01) C12N 15/52 (2006.01) C12N 15/82 (2006.01) G06F 9/455 (2006.01)**
[25] EN
[54] **RECOMBINANT POLYNUCLEOTIDE SEQUENCE FOR PRODUCING ASTAXANTHIN AND USES THEREOF**
[54] **SEQUENCE POLYNUCLEOTIDIQUE DE RECOMBINAISON POUR LA PRODUCTION D'ASTAXANTHINE, ET UTILISATIONS DE CELLE-CI**
[72] LI, WEN-HSIUNG, TW
[72] CHANG, JUI-JEN, TW
[72] THIA, CAROLINE, TW
[72] LIN, HAO-YEH, TW
[72] LIN, YU-JU, TW
[72] HUANG, CHIEH-CHEN, TW
[71] ACADEMIA SINICA, TW
[71] LI, WEN-HSIUNG, TW
[85] 2016-11-16
[86] 2015-05-16 (PCT/US2015/031273)
[87] (WO2015/176054)
[30] US (61/994,828) 2014-05-16

[21] **2,949,382**
[13] A1
[51] **Int.Cl. G02C 5/12 (2006.01)**
[25] EN
[54] **EYEGLASS POSITIONING DEVICE**
[54] **DISPOSITIF DE POSITIONNEMENT DE LUNETTES**
[72] HAMILTON, JAMES D., US
[72] GARY, LONNIE F., US
[72] FILLIPP, STEPHEN L., US
[71] VISUALIGN LLC, US
[85] 2016-11-16
[86] 2015-06-04 (PCT/US2015/034218)
[87] (WO2015/191363)
[30] US (62/011,952) 2014-06-13
[30] US (14/704,141) 2015-05-05

[21] **2,949,385**
[13] A1
[51] **Int.Cl. G01N 3/00 (2006.01)**
[25] EN
[54] **PEELING APPARATUS AND METHOD FOR SEPARATING WELDED LAYERS**
[54] **PROCEDE ET APPAREIL D'ECAILLAGE DESTINES A LA SEPARATION DE COUCHES SOUDEES**
[72] SPINELLA, DONALD J., US
[72] WILLIAMS, JUSTIN K., US
[72] SPEER, ROBERT J., US
[72] KELLY, SEAN, US
[72] DULSKI, RICHARD S. (DECEASED), US
[71] ARCONIC INC., US
[85] 2016-11-16
[86] 2015-05-15 (PCT/US2015/030979)
[87] (WO2015/175883)
[30] US (61/994,181) 2014-05-16

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[21] **2,949,386**
[13] A1
[51] **Int.Cl. A61M 5/50 (2006.01) A61M 5/32 (2006.01) A61M 5/20 (2006.01)**
[25] EN
[54] **TAMPER-EVIDENT PEN NEEDLE OUTER COVER**
[54] **COUVERCLE EXTERNE DE STYLO D'INJECTION INDICATEUR D'EFFRACTION**
[72] DIBIASI, MICHAEL, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2016-11-16
[86] 2015-06-08 (PCT/US2015/034700)
[87] (WO2015/191457)
[30] US (62/009,475) 2014-06-09

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[21] **2,949,389**
[13] A1
[51] **Int.Cl. B32B 15/01 (2006.01) B32B 5/16 (2006.01) C22C 1/02 (2006.01)**
[25] EN
[54] **LAYERED CONSTRUCTION OF METALLIC MATERIALS**
[54] **CONSTRUCTION PAR COUCHES DE MATERIAUX METALLIQUES**
[72] TUFFILE, CHARLES D., US
[72] LEMKE, HARALD, US
[71] THE NANOSTEEL COMPANY, INC., US
[85] 2016-11-16
[86] 2015-05-18 (PCT/US2015/031398)
[87] (WO2015/176061)
[30] US (61/994,758) 2014-05-16

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[21] **2,949,392**
[13] A1
[51] **Int.Cl. B29C 45/26 (2006.01) B29C 33/12 (2006.01)**
[25] EN
[54] **A MOULD TOOL FOR INJECTION MOULDING**
[54] **OUTIL DE TYPE MOULE POUR LE MOULAGE PAR INJECTION**
[72] LAMBÆK, JENS STAMP, DK
[71] LEGO A/S, DK
[85] 2016-11-17
[86] 2015-05-28 (PCT/DK2015/050136)
[87] (WO2015/180733)
[30] DK (PA 2014 70307) 2014-05-28

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[21] **2,949,393**
[13] A1
[51] **Int.Cl. G01B 9/02 (2006.01) A61B 3/10 (2006.01)**
[25] EN
[54] **MOVABLE WIDE-ANGLE OPHTHALMIC SURGICAL SYSTEM**
[54] **SYSTEME CHIRURGICAL OPHTALMOLOGIQUE A GRAND ANGLE MOBILE**
[72] YU, LINGFENG, US
[71] NOVARTIS AG, CH
[85] 2016-11-16
[86] 2015-06-30 (PCT/US2015/038613)
[87] (WO2016/010725)
[30] US (14/331,079) 2014-07-14

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[21] **2,949,394**
[13] A1
[51] **Int.Cl. B43K 23/008 (2006.01) A45D 40/20 (2006.01) B43K 5/00 (2006.01) B43K 7/00 (2006.01) B43K 8/00 (2006.01) B43K 19/14 (2006.01) B43K 21/00 (2006.01) B43K 27/00 (2006.01)**
[25] EN
[54] **WRITING, DRAWING, MARKING AND/OR PAINTING UTENSIL OR COSMETICS IMPLEMENT OR INPUT DEVICE FOR CONTACT-SENSITIVE SURFACES, AND METHOD FOR PRODUCING THE SAME**
[54] **INSTRUMENT D'ECRITURE, DE DESSIN, DE MARQUAGE ET/OU DE PEINTURE OU INSTRUMENT COSMETIQUE OU INSTRUMENT D'ENTREE DE DONNEES DESTINE A DES SURFACES TACTILES, ET PROCEDE DE FABRICATION DUDIT INSTRUMENT**
[72] THIES, ANDREAS, DE
[72] HANDFEST, MARKUS, TH
[71] STAEDTLER MARS GMBH & CO. KG, DE
[85] 2016-11-17
[86] 2015-06-24 (PCT/EP2015/001275)
[87] (WO2016/000811)
[30] DE (10 2014 010 308.0) 2014-07-02

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[21] **2,949,397**
[13] A1
[51] **Int.Cl. G06F 11/00 (2006.01) G06F 11/30 (2006.01)**
[25] EN
[54] **PERFORMANCE TESTING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE TEST DE PERFORMANCES**
[72] ZHOU, KAI, CA
[71] ZHOU, KAI, CA
[85] 2016-11-17
[86] 2015-05-19 (PCT/CA2015/050445)
[87] (WO2015/176179)
[30] US (61/994,947) 2014-05-18

[21] **2,949,402**
[13] A1
[51] **Int.Cl. A61M 25/00 (2006.01)**
[25] EN
[54] **SELF-SEALING INFUSION CATHETER**
[54] **CATHETER DE PERFUSION AUTO-OBTURANT**
[72] MIRAKI, MANOUCHEHR A., US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2016-11-16
[86] 2015-06-30 (PCT/US2015/038680)
[87] (WO2016/004114)
[30] US (62/019,734) 2014-07-01

---

[21] **2,949,408**
[13] A1
[51] **Int.Cl. C11D 7/50 (2006.01)**
[25] EN
[54] **COMPOSITION FOR CLEANING AND SEALING COATED SURFACES**
[54] **COMPOSITION PERMETTANT DE NETTOYER ET D'ETANCHEIFIER DES SURFACES REVETUES**
[72] BOZIN, CHRISTOPHER A., US
[71] BOZIN, CHRISTOPHER A., US
[85] 2016-11-16
[86] 2015-05-19 (PCT/US2015/031572)
[87] (WO2015/179394)
[30] US (62/000,587) 2014-05-20

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[21] **2,949,414**
[13] A1
[51] **Int.Cl. H04M 3/51 (2006.01) H04W 4/02 (2009.01) H04W 4/12 (2009.01) H04L 12/16 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PROVIDING CUSTOMER NOTIFICATIONS**
[54] **PROCEDE ET APPAREIL POUR FOURNIR DES NOTIFICATIONS A DES CLIENTS**
[72] KANNAN, PALLIPURAM V., US
[71] 24/7 CUSTOMER, INC., US
[85] 2016-11-16
[86] 2015-05-19 (PCT/US2015/031607)
[87] (WO2015/179418)
[30] US (62/000,992) 2014-05-20
[30] US (14/625,381) 2015-02-18
[30] US (14/714,085) 2015-05-15

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[21] **2,949,424**
[13] A1
[51] **Int.Cl. E21B 7/00 (2006.01)**
[25] EN
[54] **WIRELINE SYSTEM AND METHODS OF USING SAME**
[54] **SYSTEME DE CABLE METALLIQUE ET SES PROCEDES D'UTILISATION**
[72] UPMEIER, THORSTEN, DE
[72] KRUSE, CHRISTOF, DE
[72] WREDE, STEFAN, DE
[72] MAENNEL, RENE, DE
[71] LONGYEAR TM, INC., US
[85] 2016-11-16
[86] 2015-05-20 (PCT/US2015/031752)
[87] (WO2015/179504)
[30] US (62/000,725) 2014-05-20

---

[21] **2,949,431**
[13] A1
[51] **Int.Cl. H04L 29/08 (2006.01)**
[25] EN
[54] **PROCESSOR-IMPLEMENTED SYSTEMS AND METHODS FOR ENHANCING COGNITIVE ABILITIES BY PERSONALIZING COGNITIVE TRAINING REGIMENS**
[54] **SYSTEMES ET PROCEDES MIS EN □UVRE PAR UN PROCESSEUR PERMETTANT D'AMELIORER LES CAPACITES COGNITIVES PAR LA PERSONNALISATION DES PROGRAMMES D'APPRENTISSAGE COGNITIF**
[72] MARTUCCI, W. E., US
[72] PIPER, ADAM, US
[72] OMERNICK, MATTHEW, US
[72] GAZZALEY, ADAM, US
[72] ELENKO, ERIC, US
[72] KARANAM, KETKI, US
[71] AKILI INTERACTIVE LABS, INC., US
[85] 2016-11-16
[86] 2015-05-20 (PCT/US2015/031780)
[87] (WO2015/179522)
[30] US (62/001,141) 2014-05-21

---

[21] **2,949,437**
[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01)**
[25] EN
[54] **HUNTINGTON'S DISEASE THERAPEUTIC COMPOUNDS**
[54] **COMPOSES THERAPEUTIQUES POUR LA MALADIE DE HUNTINGTON**
[72] DAVIDSON, BEVERLY L., US
[72] MAS MONTEYS, ALEJANDRO, US
[71] UNIVERSITY OF IOWA RESEARCH FOUNDATION, US
[85] 2016-11-16
[86] 2015-05-20 (PCT/US2015/031783)
[87] (WO2015/179525)
[30] US (62/000,895) 2014-05-20

---

[21] **2,949,439**
[13] A1
[51] **Int.Cl. F23G 7/00 (2006.01) F03H 99/00 (2009.01) B01J 19/24 (2006.01) F03H 1/00 (2006.01) F23G 5/00 (2006.01) H05H 1/24 (2006.01)**
[25] EN
[54] **IMPLOSION REACTOR TUBE**
[54] **TUBE DE REACTEUR A IMPLOSION**
[72] STEIN, DONALD JOSEPH, CA
[71] STEIN, DONALD JOSEPH, CA
[85] 2016-11-17
[86] 2015-05-25 (PCT/CA2015/000341)
[87] (WO2015/176170)
[30] CA (2,852,460) 2014-05-23

---

[21] **2,949,444**
[13] A1
[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 20/32 (2012.01)**
[25] EN
[54] **METHODS OF PAYMENT TOKEN LIFECYCLE MANAGEMENT ON A MOBILE DEVICE**
[54] **PROCEDES DE GESTION DU CYCLE DE VIE DE JETONS DE PAIEMENT SUR UN DISPOSITIF MOBILE**
[72] LOPREIATO, ANTHONY, US
[72] MWANGI, JOHN, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2016-11-16
[86] 2015-05-21 (PCT/US2015/031987)
[87] (WO2015/179649)
[30] US (14/283,937) 2014-05-21

[21] **2,949,445**
[13] A1
[51] **Int.Cl. G01M 3/28 (2006.01) F16L 45/00 (2006.01) F17D 5/02 (2006.01)**
[25] EN
[54] **PNEUMATIC PLUG FOR CLEAN-OUT TEES**
[54] **FICHE PNEUMATIQUE POUR TES DE NETTOYAGE**
[72] HULL, ERIC G., US
[72] YOUNG, DENNIS R., US
[72] LORKOWSKI, AARON, US
[72] METCALFE, PAUL R., US
[72] URBAN, SCOTT E., US
[71] OATEY CO., US
[85] 2016-11-16
[86] 2015-05-22 (PCT/US2015/032135)
[87] (WO2016/028347)
[30] US (62/001,893) 2014-05-22

---

[21] **2,949,446**
[13] A1
[51] **Int.Cl. E21D 11/22 (2006.01) E21D 11/18 (2006.01) E21D 11/24 (2006.01)**
[25] EN
[54] **DEVICE FOR CONNECTING THE STRUCTURAL ELEMENTS OF RIBS AND RETICULAR STRUCTURES**
[54] **DISPOSITIF DE RACCORDEMENT D'ELEMENTS STRUCTURAUX DE NERVURES ET DE STRUCTURES RETICULAIRES**
[72] BONOMI, CRISTIANO, IT
[71] OFFICINE MACCAFERRI ITALIA S.R.L., IT
[85] 2016-11-17
[86] 2015-05-28 (PCT/IB2015/054023)
[87] (WO2015/186029)
[30] IT (BO2014A000324) 2014-06-04

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[21] **2,949,449**
[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01) A61B 5/00 (2006.01)**
[25] EN
[54] **AUTOMATED HEALTH DATA ACQUISITION, PROCESSING AND COMMUNICATION SYSTEM**
[54] **SYSTEME AUTOMATISE D'ACQUISITION, DE TRAITEMENT ET DE COMMUNICATION DE DONNEES DE SANTE**
[72] LEASON, DAVID, US
[72] OHNEMUS, PETER, CH
[72] NAEF, ANDRE, CH
[72] HEUER, MANUEL, CH
[71] DACADOO AG, CH
[85] 2016-11-16
[86] 2015-05-26 (PCT/US2015/032462)
[87] (WO2015/179868)
[30] US (62/002,370) 2014-05-23
[30] US (62/006,023) 2014-05-30

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[21] **2,949,451**
[13] A1
[51] **Int.Cl. A61F 5/56 (2006.01)**
[25] EN
[54] **DEVICE & METHOD FOR DETERRING BACK-LYING SNORING POSTURE**
[54] **DISPOSITIF ET PROCEDE POUR DISSUADER DE PRENDRE UNE POSTURE DE RONFLEMENT COUCHEE SUR LE DOS**
[72] SPARR, JENNIFER, US
[71] SPARR, JENNIFER, US
[85] 2016-11-16
[86] 2015-05-26 (PCT/US2015/032463)
[87] (WO2015/179869)
[30] US (62/002,258) 2014-05-23
[30] US (14/325,473) 2014-07-08

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[21] **2,949,452**
[13] A1
[51] **Int.Cl. B41N 1/24 (2006.01) B41C 1/14 (2006.01) B41F 15/36 (2006.01) H01M 8/00 (2016.01) H05K 3/12 (2006.01)**
[25] EN
[54] **METAL MASK AND SCREEN PRINTING APPARATUS**
[54] **MASQUE METALLIQUE ET APPAREIL DE SERIGRAPHIE**
[72] HIROSE, TAKUYA, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2016-11-17
[86] 2014-05-19 (PCT/JP2014/063262)
[87] (WO2015/177850)

---

[21] **2,949,453**
[13] A1
[51] **Int.Cl. B01D 53/64 (2006.01) C02F 1/62 (2006.01) C02F 1/76 (2006.01) C01G 13/00 (2006.01)**
[25] EN
[54] **TREATMENT PROCESS OF GAS CONTAINING ZERO-VALENT MERCURY AND MERCURY SEPARATION SYSTEM**
[54] **PROCEDE DE TRAITEMENT DE GAZ RENFERMANT DU MERCURE A VALENCE NULLE ET UN DISPOSITIF DE SEPARATION DU MERCURE**
[72] TAKEDA, DAI, JP
[72] AWAI, EIJI, JP
[72] MATSUMOTO, JUN, JP
[72] UEMURA, MASATAKA, JP
[72] MARUKAWA, HIRONOBU, JP
[71] CHIYODA CORPORATION, JP
[85] 2016-11-17
[86] 2015-05-18 (PCT/JP2015/002473)
[87] (WO2015/177999)
[30] JP (2014-104888) 2014-05-21

---

[21] **2,949,455**
[13] A1
[51] **Int.Cl. A61K 6/00 (2006.01) A61K 6/083 (2006.01)**
[25] EN
[54] **DENTAL ADHESIVE**
[54] **ADHESIF DENTAIRE**
[72] NOJIRI, YAMATO, JP
[72] TAKEI, MITSURU, JP
[71] KURARAY NORITAKE DENTAL INC., JP
[85] 2016-11-17
[86] 2015-06-10 (PCT/JP2015/002914)
[87] (WO2015/190099)
[30] JP (2014-119595) 2014-06-10

[21] **2,949,456**
[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01) B33Y 10/00 (2015.01) B33Y 30/00 (2015.01) B33Y 50/00 (2015.01) A61B 34/00 (2016.01) A61B 90/00 (2016.01) G05B 19/4099 (2006.01) G06F 3/12 (2006.01)**
[25] EN
[54] **MEDICAL 3D PRINTING CONEX**
[54] **CONEX D'IMPRESSION TRIDIMENSIONNELLE (3D) MEDICALE**
[72] GERSTLE, THEODORE L., US
[72] GERSTLE, CHRISTOPHER, US
[71] OSIRIS BIOMED 3D, LLC, US
[85] 2016-11-16
[86] 2015-05-27 (PCT/US2015/032759)
[87] (WO2015/184015)
[30] US (62/003,477) 2014-05-27
[30] US (62/076,384) 2014-11-06

---

[21] **2,949,457**
[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01) B33Y 10/00 (2015.01) B33Y 50/00 (2015.01) A61B 34/00 (2016.01) A61B 90/00 (2016.01) G05B 19/4099 (2006.01) G06F 3/12 (2006.01)**
[25] EN
[54] **DATABASE AND MARKETPLACE FOR MEDICAL DEVICES**
[54] **BASE DE DONNEES ET MARCHE POUR DES DISPOSITIFS MEDICAUX**
[72] GERSTLE, THEODORE L., US
[72] GERSTLE, CHRISTOPHER, US
[71] OSIRIS BIOMED 3D, LLC, US
[85] 2016-11-16
[86] 2015-05-27 (PCT/US2015/032765)
[87] (WO2015/184021)
[30] US (62/003,473) 2014-05-27

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[21] **2,949,458**
[13] A1
[51] **Int.Cl. G03G 15/08 (2006.01)**
[25] EN
[54] **REPLACEABLE UNIT FOR AN IMAGE FORMING DEVICE HAVING MAGNETS OF VARYING ANGULAR OFFSET FOR TONER LEVEL SENSING**
[54] **UNITE REMPLACABLE DESTINEE A UN DISPOSITIF DE FORMATION D'IMAGES, MUNIE D'AIMANTS PRESENTANT UN DECALAGE ANGULAIRE POUR LA DETECTION DU NIVEAU DE TONER**
[72] CARPENTER, BRIAN SCOTT, US
[72] MCALPINE, ROBERT WATSON, US
[71] LEXMARK INTERNATIONAL, INC., US
[85] 2016-11-16
[86] 2015-05-28 (PCT/US2015/032783)
[87] (WO2015/187438)
[30] US (62/006,291) 2014-06-02
[30] US (14/556,464) 2014-12-01

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[21] **2,949,459**
[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **ACCUMULATOR OVER HYDRAULIC PUMP DOUBLE-ACTING CYLINDER FOR ARTIFICIAL LIFT OPERATIONS**
[54] **ACCUMULATEUR SUR CYLINDRE A DOUBLE EFFET DE POMPE HYDRAULIQUE POUR DES OPERATIONS DE LEVAGE ARTIFICIEL**
[72] TAO, TAO, US
[72] MCEACHERN, MATHEW J., US
[72] CHEN, HUAJUN, US
[72] LI, YANMEI, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-11-17
[86] 2014-07-08 (PCT/US2014/045698)
[87] (WO2016/007137)

---

[21] **2,949,460**
[13] A1
[51] **Int.Cl. H04N 21/436 (2011.01)**
[25] EN
[54] **COMPANION DEVICE**
[54] **DISPOSITIF DE COMPAGNIE**
[72] DESHPANDE, SACHIN G., US
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2016-11-17
[86] 2015-05-21 (PCT/JP2015/002571)
[87] (WO2015/182085)
[30] US (62/003,410) 2014-05-27
[30] US (62/007,740) 2014-06-04

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[21] **2,949,461**
[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01) A61F 2/848 (2013.01)**
[25] FR
[54] **PROSTHETIC MITRAL OR TRICUSPID HEART VALVE**
[54] **PROTHESE DE VALVE CARDIAQUE MITRALE OU TRICUSPIDE**
[72] MODINE, THOMAS, FR
[71] VALMY HOLDING, FR
[85] 2016-11-17
[86] 2015-01-22 (PCT/IB2015/050498)
[87] (WO2015/177655)
[30] FR (14 54678) 2014-05-23

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[21] **2,949,462**
[13] A1
[51] **Int.Cl. E21B 47/06 (2012.01) E21B 47/02 (2006.01)**
[25] EN
[54] **OPTIMIZED SAGD WELL PLACEMENT UTILIZING TEMPERATURE AND ELECTROMAGNETIC MEASUREMENTS**
[54] **POSITIONNEMENT DE PUITS DE SAGD OPTIMISE UTILISANT DES MESURES DE TEMPERATURE ET ELECTROMAGNETIQUES**
[72] DONDERICI, BURKAY, US
[72] UPSHALL, MALCOLM, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-11-17
[86] 2014-07-16 (PCT/US2014/046880)
[87] (WO2016/010533)

[21] **2,949,464**
[13] A1
[51] **Int.Cl. A63F 13/5375 (2014.01) A63F 13/30 (2014.01) A63F 13/69 (2014.01)**
[25] EN
[54] **GAME SYSTEM AND GAME PROGRAM**
[54] **SYSTEME DE JEU ET PROGRAMME DE JEU**
[72] KINOSHITA, KENTO, JP
[72] HAMAJIMA, SEIJI, JP
[72] TAMURA, AKIRA, JP
[71] CAPCOM CO., LTD., JP
[85] 2016-11-17
[86] 2015-02-24 (PCT/JP2015/055242)
[87] (WO2015/129690)
[30] JP (2014-034312) 2014-02-25

[21] **2,949,465**
[13] A1
[51] **Int.Cl. A61K 8/49 (2006.01) A61K 8/60 (2006.01) A61K 36/738 (2006.01) A61P 17/00 (2006.01) A61P 43/00 (2006.01) A61Q 19/00 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **NOVEL USES OF ROSE PIGMENT COMPOUNDS**
[54] **NOUVELLE UTILISATION DE COMPOSE DE COLORANT ROSE**
[72] FUKUI, YUKO, JP
[72] YOSHIMOTO, YUKO, JP
[72] MATSUOKA, TATSUO, JP
[72] KITAGAWA, SAYURI, JP
[71] SUNTORY HOLDINGS LIMITED, JP
[85] 2016-11-17
[86] 2015-05-19 (PCT/JP2015/064356)
[87] (WO2015/178385)
[30] JP (2014-103299) 2014-05-19

[21] **2,949,466**
[13] A1
[51] **Int.Cl. H04L 12/70 (2013.01) H04W 92/00 (2009.01) H04L 12/717 (2013.01)**
[25] EN
[54] **COMMUNICATION APPARATUS, COMMUNICATION METHOD, AND COMMUNICATION SYSTEM**
[54] **APPAREIL DE COMMUNICATION, PROCEDE DE COMMUNICATION, ET SYSTEME DE COMMUNICATION**
[72] AZUMA, YOSHIKAZU, JP
[71] RICOH COMPANY, LTD., JP
[85] 2016-11-17
[86] 2015-04-16 (PCT/JP2015/062317)
[87] (WO2015/186450)
[30] JP (2014-114860) 2014-06-03
[30] JP (2014-258316) 2014-12-22

[21] **2,949,467**
[13] A1
[51] **Int.Cl. E21B 43/22 (2006.01) C09K 8/582 (2006.01) E21B 43/20 (2006.01) E21B 43/25 (2006.01)**
[25] EN
[54] **METHOD FOR INCREASING RECOVERY OF OIL FROM CARBONATE OIL RESERVOIRS UTILIZING AN "IN SITU" ORGANIC APPROACH**
[54] **PROCEDE D'AUGMENTATION DE LA RECUPERATION DE PETROLE DE RESERVOIRS DE PETROLE CARBONATES UTILISANT UNE APPROCHE ORGANIQUE « IN SITU »**
[72] SHEEHY, ALAN JAMES (DECEASED), US
[72] CARROLL, MICHAEL THOMAS, US
[72] HILL, COLIN KENNETH, US
[72] MARCOTTE, BRIAN W. G., US
[71] TITAN OIL RECOVERY, INC., US
[85] 2016-11-16
[86] 2015-05-20 (PCT/US2015/031814)
[87] (WO2015/179545)
[30] US (62/000,786) 2014-05-20

[21] **2,949,468**
[13] A1
[51] **Int.Cl. G01N 33/26 (2006.01) G01N 7/18 (2006.01)**
[25] EN
[54] **AUTOMATED CALCIMETER SYSTEMS**
[54] **SYSTEMES DE CALCIMETRE AUTOMATISES**
[72] GAJJI, BHARGAV, US
[72] BHAIDASNA, KETAN CHIMANLAL, US
[72] BROUSSARD, SHAWN LYNN, US
[72] CHERNIN, VYACHESLAV, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-11-17
[86] 2014-09-23 (PCT/US2014/056907)
[87] (WO2016/048276)

[21] **2,949,470**
[13] A1
[51] **Int.Cl. C23C 14/34 (2006.01) B24B 1/00 (2006.01) B24B 19/00 (2006.01) C23C 14/02 (2006.01) C23C 14/16 (2006.01) G01T 3/00 (2006.01) G21G 1/08 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING NEUTRON CONVERTERS**
[54] **PROCEDE DE PRODUCTION DE CONVERTISSEURS DE NEUTRONS**
[72] STORMER, MICHAEL, DE
[72] HORSTMANN, CHRISTIAN, DE
[72] NOWAK, GREGOR, DE
[72] KAMPMANN, REINHARD, DE
[72] HEDDE, JOHN, DE
[71] HELMHOLTZ-ZENTRUM GEESTHACHT ZENTRUM FUR MATERIAL-UND KUSTENFORSCHUNG GMBH, DE
[85] 2016-11-15
[86] 2015-06-29 (PCT/EP2015/064751)
[87] (WO2016/008713)
[30] EP (14176907.5) 2014-07-14

[21] **2,949,471**
[13] A1
[51] **Int.Cl. C08J 5/18 (2006.01) B32B 27/36 (2006.01)**
[25] EN
[54] **BIAXIALLY STRETCHED POLYBUTYLENE TEREPHTHALATE FILM, MANUFACTURING METHOD THEREFOR, AND GAS BARRIER LAMINATE FILM**
[54] **FILM DE POLY(TEREPHTALATE DE BUTYLENE) ETIRE DE FACON BIAXIALE, SON PROCEDE DE FABRICATION, ET FILM STRATIFIE FAISANT BARRIERE AUX GAZ**
[72] GOTO, TAKAMICHI, JP
[72] NAKAYA, TADASHI, JP
[72] IKEHATA, YOSHITOMO, JP
[72] YAMADA, KOUJI, JP
[72] FUNAKI, KENICHI, JP
[71] TOYOBO CO., LTD., JP
[85] 2016-11-17
[86] 2015-05-19 (PCT/JP2015/064366)
[87] (WO2015/178390)
[30] JP (2014-105703) 2014-05-21

[21] **2,949,473**
[13] A1
[51] **Int.Cl. H04N 5/243 (2006.01) H04N 5/225 (2006.01)**
[25] EN
[54] **IMAGE PROCESSING SYSTEM, IMAGING APPARATUS, IMAGE PROCESSING METHOD, ANDCOMPUTER-READABLE STORAGE MEDIUM**
[54] **APPAREIL DE TRAITEMENT D'IMAGE, APPAREIL D'IMAGERIE, PROCEDE DE TRAITEMENT D'IMAGE, ET SUPPORT DE STOCKAGE LISIBLE PAR ORDINATEUR**
[72] YOSHIKAWA, HIROMI, JP
[72] YOSHIDA, KAZUHIRO, JP
[71] RICOH COMPANY, LIMITED, JP
[85] 2016-11-17
[86] 2015-05-20 (PCT/JP2015/065151)
[87] (WO2015/182626)
[30] JP (2014-109112) 2014-05-27

[21] **2,949,474**
[13] A1
[51] **Int.Cl. A61K 31/404 (2006.01) A61K 9/70 (2006.01) A61K 31/18 (2006.01) A61K 47/32 (2006.01) A61P 13/12 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **TRANSDERMAL PREPARATION**
[54] **PREPARATION TRANSDERMIQUE**
[72] KAWAKAMI, SATOSHI, JP
[72] SHIBATA, TAIKI, JP
[72] SOGABE, MANABU, JP
[71] TEIKOKU SEIYAKU CO., LTD., JP
[85] 2016-11-17
[86] 2015-05-20 (PCT/JP2015/064526)
[87] (WO2015/182459)
[30] JP (2014-110446) 2014-05-28

[21] **2,949,478**
[13] A1
[51] **Int.Cl. H04N 19/463 (2014.01) H04N 19/44 (2014.01) H04N 19/46 (2014.01) H04N 19/587 (2014.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MOTION-VECTOR-AIDED VIDEO INTERPOLATION USING REAL-TIME SMOOTH VIDEO PLAYBACK SPEED VARIATION**
[54] **SYSTEMES ET PROCEDES POUR UNE INTERPOLATION DE VIDEO ASSISTEE PAR VECTEUR DE MOUVEMENT A L'AIDE D'UNE VARIATION DE VITESSE DE LECTURE DE VIDEO FLUIDE EN TEMPS REEL**
[72] ESPESET, TONNY, NO
[72] FRANK, ANDREI RICHARD, CA
[72] HARDY, MARC SCOTT, SG
[71] PAOFIT TECHNOLOGY PTE LTD, SG
[85] 2016-11-17
[86] 2014-09-30 (PCT/SG2014/000458)
[87] (WO2015/183194)
[30] US (62/005,608) 2014-05-30

[21] **2,949,479**
[13] A1
[51] **Int.Cl. H04R 29/00 (2006.01)**
[25] EN
[54] **VIRTUAL SIMULATION OF SPATIAL AUDIO CHARACTERISTICS**
[54] **SIMULATION VIRTUELLE DE CARACTERISTIQUES AUDIO SPATIALES**
[72] CRUTCHFIELD, WILLIAM G., US
[72] WRIGHT, RICHARD L., US
[71] CRUTCHFIELD CORPORATION, US
[85] 2016-11-09
[86] 2015-05-12 (PCT/US2015/030338)
[87] (WO2015/175511)
[30] US (61/992,542) 2014-05-13

[21] **2,949,480**
[13] A1
[51] **Int.Cl. A61K 31/737 (2006.01) A61K 47/16 (2006.01) A61K 47/22 (2006.01)**
[25] EN
[54] **COMPOSITIONS OF PENTOSAN POLYSULFATE SALTS FOR ORAL ADMINISTRATION AND METHODS OF USE**
[54] **COMPOSITIONS DE SELS DE POLYSULFATE DE PENTOSANE POUR ADMINISTRATION PAR VOIE ORALE ET METHODES D'UTILISATION ASSOCIEES**
[72] PARSONS, C. LOWELL, US
[72] GOLDBERG, MICHAEL, US
[72] MEENAN, CHRISTOPHER, P., US
[71] URIGEN PHARMACEUTICALS, INC., US
[71] PARSONS, C. LOWELL, US
[71] GOLDBERG, MICHAEL, US
[71] MEENAN, CHRISTOPHER, P., US
[85] 2016-11-17
[86] 2015-02-24 (PCT/US2015/017205)
[87] (WO2015/127416)
[30] US (61/943,824) 2014-02-24

[21] **2,949,481**
[13] A1
[51] **Int.Cl. F16L 1/028 (2006.01) F16L 1/06 (2006.01)**
[25] EN
[54] **METHOD AND STRUCTURE FOR IN SITU FIELD REPAIR OF SEVERED DRAIN TILE**
[54] **PROCEDE ET STRUCTURE POUR REPARATION IN SITU DE TUYAU DE DRAINAGE COUPE**
[72] HAMMAN, CARL R., US
[71] HAMMAN IP LLC, US
[85] 2016-11-17
[86] 2015-05-01 (PCT/US2015/028774)
[87] (WO2015/179105)
[30] US (14/285,674) 2014-05-23

---

[21] **2,949,482**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **METHOD FOR TRANSPORTING RELATIONAL DATA**
[54] **PROCEDE DE TRANSPORT DE DONNEES RELATIONNELLES**
[72] SELLERS-BLAIS, DOMINIC, US
[71] IFWIZARD CORPORATION, US
[85] 2016-11-17
[86] 2015-02-26 (PCT/US2015/017763)
[87] (WO2015/178985)
[30] US (14/282,387) 2014-05-20

---

[21] **2,949,484**
[13] A1
[51] **Int.Cl. A24D 3/10 (2006.01) A24D 3/02 (2006.01) A24D 3/06 (2006.01)**
[25] EN
[54] **BIODEGRADABLE CIGARETTE FILTER TOW AND METHOD OF MANUFACTURE**
[54] **MECHE DE FILTRE DE CIGARETTE BIODEGRADABLE ET SON PROCEDE DE FABRICATION**
[72] LISAUSKAS, TADAS, US
[72] VAN OSTEN, XAVIER ALEXANDER, US
[72] TIPPER, MATTHEW, US
[72] CHETTY, VERA, US
[72] RUSSELL, STEPHEN, US
[71] GREENBUTTS LLC, US
[85] 2016-11-17
[86] 2015-03-02 (PCT/US2015/018355)
[87] (WO2015/178995)
[30] US (62/002,608) 2014-05-23

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[21] **2,949,490**
[13] A1
[51] **Int.Cl. E21B 47/00 (2012.01) E21B 47/092 (2012.01) E21B 47/09 (2012.01) G01V 3/00 (2006.01)**
[25] EN
[54] **APPARATUS, METHOD, AND SYSTEM FOR IDENTIFYING, LOCATING, AND ACCESSING ADDRESSES OF A PIPING SYSTEM**
[54] **APPAREIL, PROCEDE ET SYSTEME D'IDENTIFICATION, DE LOCALISATION ET D'ACCES A DES ADRESSES D'UN SYSTEME DE TUYAUTERIE**
[72] ORBAN, ANDRE, US
[72] LERNER, DANIEL MAURICE, US
[72] HOLDER, BARRY KENT, US
[71] AOI (ADVANCED OILFIELD INNOVATIONS, INC), US
[71] LERNER, DANIEL MAURICE, US
[71] HOLDER, BARRY KENT, US
[85] 2016-11-17
[86] 2015-03-25 (PCT/US2015/022431)
[87] (WO2015/148629)
[30] US (61/970,775) 2014-03-26
[30] US (61/970,563) 2014-03-26

---

[21] **2,949,491**
[13] A1
[51] **Int.Cl. C09D 165/02 (2006.01) C09D 183/04 (2006.01) C09D 201/10 (2006.01)**
[25] EN
[54] **SOL-GEL COMPOSITIONS WITH IMPROVED HARDNESS AND IMPACT RESISTANCE**
[54] **COMPOSITIONS SOL-GEL A DURETE ET RESISTANCE AUX CHOCS AMELIOREES**
[72] SPERINDIO, MATTEO, IT
[72] LAKE, SCOTT C., US
[72] PIRAS, RICCARDO, IT
[72] LINDSTROM, MICHAEL J., US
[71] WHITFORD CORPORATION, US
[85] 2016-11-17
[86] 2015-05-11 (PCT/US2015/030072)
[87] (WO2015/179152)
[30] US (62/000,679) 2014-05-20

---

[21] **2,949,503**
[13] A1
[51] **Int.Cl. A61B 3/10 (2006.01)**
[25] EN
[54] **OPHTHALMIC IMAGING SYSTEM WITH AUTOMATIC RETINAL FEATURE DETECTION**
[54] **SYSTEME D'IMAGERIE OPHTALMIQUE A DETECTION AUTOMATIQUE DE CARACTERISTIQUE RETINIENNE**
[72] REN, HUGANG, US
[72] YU, LINGFENG, US
[71] NOVARTIS AG, CH
[85] 2016-11-17
[86] 2015-05-15 (PCT/US2015/031070)
[87] (WO2015/195247)
[30] US (14/309,618) 2014-06-19

---

[21] **2,949,512**
[13] A1
[51] **Int.Cl. C07C 47/19 (2006.01) C10G 1/06 (2006.01) C10G 3/00 (2006.01)**
[25] EN
[54] **PROCESS FOR THE CONTINUOUS PRODUCTION OF ETHYLENE GLYCOL FROM CARBOHYDRATES**
[54] **PROCEDE DE PRODUCTION CONTINUE D'ETHYLENE GLYCOL A PARTIR DE GLUCIDES**
[72] SCHRECK, DAVID, US
[72] CHRISMAN, RAY, US
[72] ALBIN, BROOKE, US
[72] CLINTON, NYE, US
[71] IOWA CORN PROMOTION BOARD, US
[85] 2016-11-17
[86] 2015-05-18 (PCT/US2015/031390)
[87] (WO2015/179302)
[30] US (62/000,087) 2014-05-19

[21] **2,949,513**
[13] A1
[51] **Int.Cl. A47C 19/02 (2006.01)**
[25] EN
[54] **THREE DIMENSIONAL CONNECTION SYSTEM FOR BED FRAME**
[54] **SYSTEME DE RACCORDEMENT EN TROIS DIMENSIONS POUR CADRE DE LIT**
[72] POLEVOY, RICHARD S., US
[72] CARLSON, PAUL ERIC, US
[72] KONIECZNY, MICHAEL W., US
[72] NAAS, ROBERT L., US
[71] FINGER LAKES INTELLECTUAL PROPERTY, LLC, US
[85] 2016-11-17
[86] 2015-05-19 (PCT/US2015/031498)
[87] (WO2015/179350)
[30] US (62/000,754) 2014-05-20

---

[21] **2,949,514**
[13] A1
[51] **Int.Cl. F21V 21/30 (2006.01) F21K 9/00 (2016.01) F21S 2/00 (2016.01) F21S 8/08 (2006.01) F21V 7/00 (2006.01)**
[25] EN
[54] **LUMINAIRE WITH ADJUSTABLE LAMP MODULES**
[54] **LUMINAIRE A MODULES DE LAMPE REGLABLES**
[72] NEUER, MICHAEL, US
[72] DAL PONTE, DEAN, US
[72] RAZA, SYED, US
[71] HUBBELL INCORPORATED, US
[85] 2016-11-17
[86] 2015-05-19 (PCT/US2015/031611)
[87] (WO2015/179422)
[30] US (62/002,283) 2014-05-23
[30] US (14/694,773) 2015-04-23

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[21] **2,949,522**
[13] A1
[51] **Int.Cl. G01S 17/02 (2006.01) G08G 1/07 (2006.01) G08G 1/08 (2006.01) G08G 1/095 (2006.01)**
[25] EN
[54] **OPTICAL TRACKING SYSTEM FOR AUTOMATION OF AMUSEMENT PARK ELEMENTS**
[54] **SYSTEME DE SUIVI OPTIQUE POUR L'AUTOMATISATION D'ELEMENTS DE PARC D'ATTRACTIONS**
[72] STENZLER, PAULA, US
[72] CORTELYOU, ROBERT J., US
[72] MCQUILLIAN, BRIAN B., US
[72] OLIVER, CHRISTOPHER, US
[72] BLUM, STEVEN C., US
[72] SCHWARTZ, JUSTIN M., US
[72] OKESON, BRADLEY D., US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2016-11-17
[86] 2015-05-21 (PCT/US2015/032001)
[87] (WO2015/179661)
[30] US (62/001,551) 2014-05-21
[30] US (14/717,989) 2015-05-20

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[21] **2,949,525**
[13] A1
[51] **Int.Cl. F03D 3/06 (2006.01) F03D 5/06 (2006.01)**
[25] EN
[54] **VANE DEVICE FOR A WIND TURBINE APPARATUS**
[54] **DISPOSITIF DE GOUVERNAIL POUR APPAREIL D'EOLIENNE**
[72] HUANG, KUO-CHANG, TW
[71] GUAN, FRANK HWAN-KUAN, US
[71] HUANG, KUO-CHANG, TW
[85] 2016-11-17
[86] 2015-05-20 (PCT/US2015/031791)
[87] (WO2015/179529)
[30] TW (103117664) 2014-05-20
[30] CN (201410387689.8) 2014-08-08

---

[21] **2,949,532**
[13] A1
[51] **Int.Cl. C08L 77/02 (2006.01) C08G 69/14 (2006.01) C08J 5/00 (2006.01) C08K 5/053 (2006.01) D01F 6/60 (2006.01)**
[25] EN
[54] **POLYMERS WITH MODIFIED SURFACE PROPERTIES AND METHOD OF MAKING THE SAME**
[54] **POLYMERES AYANT DES PROPRIETES DE SURFACE MODIFIEES ET PROCEDES DE FABRICATION DE CEUX-CI**
[72] GIBSON, NATALIE M., US
[72] ABDULBAKI, MANSOUR K., US
[72] IVERSON, ISAAC K., US
[71] INVISTA TECHNOLOGIES S.A R.L., CH
[85] 2016-11-17
[86] 2015-05-21 (PCT/US2015/031935)
[87] (WO2015/179616)
[30] US (62/001,853) 2014-05-22

---

[21] **2,949,533**
[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01) F04D 13/10 (2006.01)**
[25] EN
[54] **SUBMERISIBLE ELECTRICAL SYSTEM ASSESSMENT**
[54] **EVALUATION DE SYSTEME ELECTRIQUE SUBMERSIBLE**
[72] RENDUSARA, DUDI, SG
[72] MEREDITH, ANDREW, GB
[72] COSTE, EMMANUEL, US
[72] STEENSON, LEO, GB
[72] HOEFEL, ALBERT, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2016-11-17
[86] 2015-05-22 (PCT/US2015/032197)
[87] (WO2015/179775)
[30] US (62/002,596) 2014-05-23
[30] US (62/004,799) 2014-05-29

[21] **2,949,535**
[13] A1
[51] **Int.Cl. A61K 38/00 (2006.01)**
[25] EN
[54] **RAS INHIBITORY PEPTIDES AND USES THEREOF**
[54] **PEPTIDES INHIBITEURS DE RAS ET LEURS UTILISATIONS**
[72] VERDINE, GREGORY L., US
[72] MCGEE, JOHN HANNEY, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2016-11-17
[86] 2015-05-21 (PCT/US2015/031961)
[87] (WO2015/179635)
[30] US (62/001,587) 2014-05-21

---

[21] **2,949,541**
[13] A1
[51] **Int.Cl. B01L 7/00 (2006.01)**
[25] EN
[54] **MOLECULAR ANALYSIS SYSTEM AND USE THEREOF**
[54] **SYSTEME D'ANALYSE MOLECULAIRE ET SON UTILISATION**
[72] COONEY, CHRISTOPHER G., US
[72] QU, PETER QIANG, US
[72] BUENO, ARIAL, US
[71] AKONNI BIOSYSTEMS INC., US
[85] 2016-11-17
[86] 2015-06-18 (PCT/US2015/036433)
[87] (WO2015/195918)
[30] US (62/014,329) 2014-06-19

---

[21] **2,949,544**
[13] A1
[51] **Int.Cl. A61K 8/72 (2006.01) A61K 8/02 (2006.01) A61K 8/25 (2006.01) A61K 8/87 (2006.01) A61K 8/89 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **COSMETIC COMPOSITIONS WITH ENHANCED COLOR RETENTION FOR IMPROVED SKIN APPEARANCE**
[54] **COMPOSITIONS COSMETIQUES A MAINTIEN AMELIORE DE LA COULEUR POUR AMELIORER L'ASPECT DE LA PEAU**
[72] HWANG, HIU-ING, US
[72] RICCARDI, GRACE, US
[71] EVEREADY BATTERY COMPANY, INC, US
[85] 2016-11-17
[86] 2015-05-28 (PCT/US2015/032842)
[87] (WO2015/184071)
[30] US (62/004,546) 2014-05-29

---

[21] **2,949,545**
[13] A1
[51] **Int.Cl. A61K 31/59 (2006.01)**
[25] EN
[54] **METHODS OF TREATING AND PREVENTING VASCULAR INSTABILITY DISEASES**
[54] **PROCEDES DE TRAITEMENT ET DE PREVENTION DE MALADIES D'INSTABILITE VASCULAIRE**
[72] GIBSON, CHRISTOPHER C., US
[72] LI, DEAN Y., US
[71] THE UNIVERSITY OF UTAH RESEARCH FOUNDATION, US
[85] 2016-11-17
[86] 2015-06-16 (PCT/US2015/036062)
[87] (WO2015/195685)
[30] US (62/014,540) 2014-06-19
[30] US (14/728,800) 2015-06-02

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[21] **2,949,546**
[13] A1
[51] **Int.Cl. C02F 3/12 (2006.01) B01D 21/02 (2006.01) B01D 21/26 (2006.01) B01D 21/32 (2006.01) C02F 1/38 (2006.01) C02F 1/52 (2006.01) C02F 3/30 (2006.01) C02F 3/34 (2006.01) C02F 11/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR WASTEWATER TREATMENT USING EXTERNAL SELECTION**
[54] **PROCEDE ET APPAREIL POUR LE TRAITEMENT DES EAUX USEES UTILISANT UNE SELECTION EXTERNE**
[72] WETT, BERNHARD, US
[72] BOTT, CHARLES, US
[72] MURTHY, SUDHIR, US
[72] DE CLIPPELEIR, HAYDEE, US
[71] HAMPTON ROADS SANITATION DISTRICT, US
[71] D.C. WATER & SEWER & AUTHORITY, US
[85] 2016-11-17
[86] 2015-06-30 (PCT/US2015/038620)
[87] (WO2016/004082)
[30] US (62/019,210) 2014-06-30

---

[21] **2,949,550**
[13] A1
[51] **Int.Cl. G03B 19/00 (2006.01) G02B 5/09 (2006.01)**
[25] EN
[54] **MULTI-CAMERA SYSTEM USING FOLDED OPTICS FREE FROM PARALLAX AND TILT ARTIFACTS**
[54] **SYSTEME A PLUSIEURS APPAREILS DE PRISE DE VUES UTILISANT UN SYSTEME A TRAJET OPTIQUE REPLIE SANS ARTEFACTS DE PARALLAXE ET D'INCLINAISON**
[72] GEORGIEV, TODOR GEORGIEV, US
[72] GOMA, SERGIU RADU, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-11-17
[86] 2015-05-29 (PCT/US2015/033195)
[87] (WO2015/195297)
[30] US (62/015,319) 2014-06-20
[30] US (14/571,149) 2014-12-15

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[21] **2,949,552**
[13] A1
[51] **Int.Cl. H02K 3/48 (2006.01) H02P 9/00 (2006.01)**
[25] EN
[54] **AUXILIARY WINDING FOR A GENERATOR**
[54] **ENROULEMENT AUXILIAIRE POUR GENERATEUR**
[72] MCLEAN, GRAHAM W., GB
[71] GENERAC POWER SYSTEMS, INC., US
[85] 2016-11-17
[86] 2015-07-07 (PCT/US2015/039338)
[87] (WO2016/007482)
[30] US (14/325,676) 2014-07-08

[21] **2,949,554**
[13] A1
[51] **Int.Cl. F21S 4/00 (2016.01) F21S 4/10 (2016.01) F21S 4/28 (2016.01) F21S 2/00 (2016.01) F21V 5/00 (2015.01) F21V 31/00 (2006.01) G09F 9/30 (2006.01)**
[25] EN
[54] **ILLUMINANT COMPRISING AN LED**
[54] **AGENT LUMINEUX EQUIPE D'UNE DEL**
[72] MUNDLE, KLAUS, AT
[72] TSCHOFEN, JOHANNES, AT
[72] ZUDRELL, PHILIP, AT
[71] TRIDONIC GMBH & CO KG, AT
[85] 2016-11-18
[86] 2015-05-05 (PCT/AT2015/050110)
[87] (WO2015/176090)
[30] AT (GM213/2014) 2014-05-19

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[21] **2,949,556**
[13] A1
[51] **Int.Cl. B05D 5/00 (2006.01)**
[25] EN
[54] **DISPERSION SYSTEM FOR QUANTUM DOTS**
[54] **SYSTEME DE DISPERSION POUR BOITES QUANTIQUES**
[72] BOOTMAN, MATTHEW W., US
[71] CRYSTALPLEX CORPORATION, US
[85] 2016-11-17
[86] 2015-05-29 (PCT/US2015/033288)
[87] (WO2015/184329)
[30] US (62/004,712) 2014-05-29

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[21] **2,949,557**
[13] A1
[51] **Int.Cl. B21C 26/00 (2006.01)**
[25] EN
[54] **DUMMY BLOCK FOR EXTRUSION PRESS**
[54] **BLOC FACTICE POUR PRESSE A EXTRUSION**
[72] ROBBINS, PAUL HENRY, CA
[71] EXCO TECHNOLOGIES LIMITED, CA
[85] 2016-11-18
[86] 2015-05-21 (PCT/CA2015/050461)
[87] (WO2016/019453)
[30] US (62/001,958) 2014-05-22

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[21] **2,949,558**
[13] A1
[51] **Int.Cl. G21K 5/10 (2006.01) G01N 23/00 (2006.01) G21K 1/12 (2006.01)**
[25] EN
[54] **GAMMA-RAY IMAGING**
[54] **IMAGERIE PAR RAYONS GAMMA**
[72] PROKOPOVICH, DALE, AU
[72] FLYNN, ALISON, AU
[72] SARBUTT, ADAM, AU
[72] BOARDMAN, DAVID, AU
[71] AUSTRALIAN NUCLEAR SCIENCE AND TECHNOLOGY ORGANISATION, AU
[85] 2016-11-18
[86] 2015-05-22 (PCT/AU2015/000302)
[87] (WO2015/176115)
[30] AU (2014901905) 2014-05-22

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[21] **2,949,562**
[13] A1
[51] **Int.Cl. H02K 41/02 (2006.01) B65G 43/00 (2006.01) B65G 54/02 (2006.01)**
[25] EN
[54] **LINEAR MOTOR SYSTEM WITH POWERED CURVILINEAR TRACK SECTIONS**
[54] **SYSTEME A MOTEUR LINEAIRE A SECTIONS RAILS CURVILIGNES MOTORISEES**
[72] KLEINIKKINK, ALBERT, CA
[72] DITNER, JOHN, CA
[72] MOWAT, DON, CA
[72] SCOTT, RYAN, CA
[72] KNAP, GRAHAM, CA
[72] CHUBB, RYAN, CA
[71] ATS AUTOMATION TOOLING SYSTEMS INC., CA
[85] 2016-11-18
[86] 2015-05-29 (PCT/CA2015/050492)
[87] (WO2015/184536)
[30] US (62/006,583) 2014-06-02

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[21] **2,949,565**
[13] A1
[51] **Int.Cl. B65G 54/02 (2006.01) B65G 35/06 (2006.01) B65G 43/10 (2006.01) H02K 41/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING A MOVING ELEMENT IN A LINEAR MOTOR CONVEYOR**
[54] **SYSTEME ET PROCEDE PERMETTANT DE COMMANDER UN ELEMENT MOBILE DANS UN CONVOYEUR A MOTEUR LINEAIRE**
[72] KLEINIKKINK, ALBERT, CA
[72] DITNER, JOHN, CA
[72] KNAP, GRAHAM, CA
[72] DUBEAU, ALLAN, CA
[71] ATS AUTOMATION TOOLING SYSTEMS INC., CA
[85] 2016-11-18
[86] 2015-06-01 (PCT/CA2015/050501)
[87] (WO2015/184539)
[30] US (62/006,553) 2014-06-02

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[21] **2,949,566**
[13] A1
[51] **Int.Cl. A61N 1/20 (2006.01)**
[25] EN
[54] **THERAPEUTICALLY APPLICABLE MULTI-CHANNEL DIRECT-CURRENT OUTPUT DEVICE**
[54] **DISPOSITIF MULTICANAUX DE FOURNITURE DE COURANT CONTINU UTILISABLE A DES FINS THERAPEUTIQUES**
[72] MOLSBERGER, ALBRECHT, DE
[71] MOLSBERGER, ALBRECHT, DE
[85] 2016-11-18
[86] 2014-05-23 (PCT/EP2014/060742)
[87] (WO2015/176778)

[21] **2,949,569**
[13] A1
[51] **Int.Cl. A61K 31/575 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **K2 COMPOSITION, PREPARATION METHOD THEREFOR, AND APPLICATION THEREOF**
[54] **COMPOSITION K2, PROCEDE POUR LA PREPARER ET APPLICATION DE CELLE-CI**
[72] LIN, HANG-CHING, CN
[72] HUANG, HSIN-WEN, CN
[72] LU, SHIH-MIN, CN
[71] SINPHAR TIAN-LI PHARMACEUTICAL CO., LTD. (HANGZHOU), CN
[85] 2016-11-18
[86] 2015-05-21 (PCT/CN2015/079439)
[87] (WO2015/176665)
[30] US (62/001,328) 2014-05-21
[30] US (62/001,737) 2014-05-22

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[21] **2,949,573**
[13] A1
[51] **Int.Cl. C07D 498/10 (2006.01) A61K 31/537 (2006.01)**
[25] EN
[54] **ALKYL DERIVATIVES OF 1-OXA-4,9-DIAZASPIRO UNDECANE COMPOUNDS HAVING MULTIMODAL ACTIVITY AGAINST PAIN**
[54] **DERIVES ALKYLES DE COMPOSES DE 1-OXA-4,9-DIAZASPIRO-UNDECANE AYANT UNE ACTIVITE MULTIMODALE CONTRE LA DOULEUR**
[72] VIRGILI-BERNADO, MARINA, ES
[72] ALONSO-XALMA, MONICA, ES
[72] ALEGRET-MOLINA, CARLOS, ES
[72] ALMANSA-ROSALES, CARMEN, ES
[72] GARCIA LOPEZ, MONICA, ES
[71] LABORATORIOS DEL DR. ESTEVE, S.A., ES
[85] 2016-11-18
[86] 2015-06-02 (PCT/EP2015/001115)
[87] (WO2015/185209)
[30] EP (14382209.6) 2014-06-02

---

[21] **2,949,578**
[13] A1
[51] **Int.Cl. F16D 51/00 (2006.01)**
[25] EN
[54] **SUPPORT UNIT**
[54] **ENSEMBLE SUPPORT**
[72] DREWES, OLAF, DE
[72] MARSCHNER, OLIVER, DE
[71] SAF-HOLLAND GMBH, DE
[85] 2016-11-18
[86] 2015-05-18 (PCT/EP2015/060850)
[87] (WO2015/177073)
[30] DE (10 2014 209 502.6) 2014-05-20

---

[21] **2,949,591**
[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01)**
[25] EN
[54] **CONTACT SENSOR**
[54] **CAPTEUR DE CONTACT**
[72] PEDLEY, MARK, GB
[72] MCCARTHY, BEN, GB
[72] WARD, ADRIAN, GB
[72] BAKER, ANDREW, GB
[71] ROSNES LIMITED, GB
[85] 2016-11-18
[86] 2014-05-20 (PCT/GB2014/051539)
[87] (WO2014/188171)
[30] GB (1309260.6) 2013-05-22

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[21] **2,949,592**
[13] A1
[51] **Int.Cl. G01N 1/02 (2006.01) B01L 3/00 (2006.01) G01N 1/10 (2006.01) G01N 21/03 (2006.01)**
[25] EN
[54] **SAMPLING AND ASSAY KIT, SAMPLE HOLDER AND METHOD**
[54] **KIT D'ECHANTILLONNAGE ET DE DOSAGE, PORTE-ECHANTILLON ET PROCEDE**
[72] LAUKKONEN, JUKKA, FI
[72] RAUSSI, JAANA, FI
[72] EILOLA, SANNA, FI
[72] RISSANEN, JAAKKO, FI
[71] ORION DIAGNOSTICA OY, FI
[85] 2016-11-18
[86] 2015-05-12 (PCT/EP2015/060505)
[87] (WO2015/177004)
[30] EP (14169315.0) 2014-05-21

---

[21] **2,949,593**
[13] A1
[51] **Int.Cl. B42D 25/00 (2014.01) B41M 3/14 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN AND RELATING TO SECURITY DOCUMENTS**
[54] **PERFECTIONNEMENTS APPORTES AUX DOCUMENTS DE SECURITE ET S'Y RAPPORTANT**
[72] SPINKS, GARY DONALD, GB
[71] D. W. SPINKS (EMBOSSING) LIMITED, GB
[85] 2016-11-18
[86] 2014-05-21 (PCT/GB2014/051565)
[87] (WO2014/188194)
[30] GB (1309174.9) 2013-05-21
[30] EP (13178422.5) 2013-07-29

---

[21] **2,949,594**
[13] A1
[51] **Int.Cl. B65G 1/04 (2006.01)**
[25] EN
[54] **AUTOMATED WAREHOUSE SHUTTLE**
[54] **NAVETTE D'ENTREPOT AUTOMATISE**
[72] ROBERTO, BIANCO, IT
[71] ICAM S.R.L., IT
[85] 2016-11-18
[86] 2014-06-03 (PCT/IB2014/061918)
[87] (WO2014/195867)
[30] IT (TO2013A000452) 2013-06-03

---

[21] **2,949,605**
[13] A1
[51] **Int.Cl. G09B 19/00 (2006.01) G06F 15/18 (2006.01) G06F 17/40 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING ON-LINE SERVICES**
[54] **SYSTEMES ET PROCEDES DE FOURNITURE DE SERVICES EN LIGNE**
[72] BEN-KIKI, TOMER, US
[72] PARKS, ACACIA, US
[72] KIM, AMY JO, US
[71] BEN-KIKI, TOMER, US
[71] PARKS, ACACIA, US
[71] KIM, AMY JO, US
[85] 2016-11-18
[86] 2014-05-21 (PCT/US2014/039022)
[87] (WO2014/190083)
[30] US (61/825,742) 2013-05-21

[21] **2,949,606**
[13] A1
[51] **Int.Cl. A61F 2/30 (2006.01)**
[25] EN
[54] **CUSTOMIZED BENDABLE OSTEOCHONDRAL ALLOGRAFTS**
[54] **ALLOGREFFES OSTEO-CARTILAGINEUX PLIABLES PERSONNALISEES**
[72] ROSENWASSER, MELVIN P., US
[72] ATESHIAN, GERARD A., US
[72] HUNG, CLARK T., US
[72] JONES, BRIAN K., US
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US
[85] 2016-11-18
[86] 2015-03-11 (PCT/US2015/020033)
[87] (WO2015/138652)
[30] US (61/951,451) 2014-03-11
[30] US (61/951,630) 2014-03-12

---

[21] **2,949,607**
[13] A1
[51] **Int.Cl. A61K 9/70 (2006.01)**
[25] EN
[54] **ARTICLE WITH REACTIVE METALS BOUND TO ITS SURFACE AND METHOD OF APPLICATION**
[54] **ARTICLE AYANT DES METAUX REACTIFS LIES A SA SURFACE, ET PROCEDE D'APPLICATION**
[72] RICHARDS, NICOLE M., US
[72] KALLISH, THOMAS C., US
[71] TOMMIE COPPER IP, INC., US
[85] 2016-11-18
[86] 2015-07-27 (PCT/US2015/042182)
[87] (WO2016/015040)
[30] US (62/029,198) 2014-07-25
[30] US (14/808,611) 2015-07-24

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[21] **2,949,610**
[13] A1
[51] **Int.Cl. H04M 9/08 (2006.01) A61B 5/024 (2006.01) G06K 9/00 (2006.01) H04R 3/00 (2006.01)**
[25] EN
[54] **AURAL MEASUREMENTS FROM EARPHONE OUTPUT SPEAKERS**
[54] **MESURES SONORES A PARTIR DE HAUT-PARLEURS DE SORTIE D'ECOUTEURS**
[72] BEN-AMI, EDMUND, IL
[72] PETRANK, NOAM, IL
[71] BUGATONE LTD., IL
[85] 2016-11-18
[86] 2015-05-18 (PCT/IL2015/050525)
[87] (WO2015/177787)
[30] US (62/000,626) 2014-05-20

---

[21] **2,949,617**
[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 40/02 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR VISUALISING FINANCIAL ALLOCATION MODELS**
[54] **PROCEDE ET SYSTEME POUR VISUALISER DES MODELES D'ATTRIBUTION FINANCIERE**
[72] HUGHES, NIGEL, AU
[71] IBIS INFORMATION SYSTEMS PTY LTD, AU
[85] 2016-11-18
[86] 2015-05-21 (PCT/IB2015/053725)
[87] (WO2015/177742)
[30] AU (2014901895) 2014-05-21

---

[21] **2,949,630**
[13] A1
[51] **Int.Cl. C12Q 1/02 (2006.01) C12M 1/34 (2006.01) C12Q 1/06 (2006.01)**
[25] EN
[54] **AUTOMATED PRESERVATIVE EFFICACY TEST METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF DE TEST AUTOMATISE D'EFFICACITE DE CONSERVATEUR**
[72] EDEN, GIDEON, US
[71] NEOGEN CORPORATION, US
[71] EDEN, GIDEON, US
[85] 2016-11-18
[86] 2014-05-22 (PCT/US2014/039182)
[87] (WO2015/178915)

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[21] **2,949,633**
[13] A1
[51] **Int.Cl. E21B 17/02 (2006.01) E21B 19/16 (2006.01)**
[25] EN
[54] **MULTILATERAL JUNCTION WITH MECHANICAL STIFFENERS**
[54] **JONCTION MULTILATERALE AYANT DES RAIDISSEURS MECANIQUES**
[72] STEELE, DAVID JOE, US
[72] HEPBURN, NEIL, GB
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-11-18
[86] 2014-07-16 (PCT/US2014/046780)
[87] (WO2016/010531)

---

[21] **2,949,635**
[13] A1
[51] **Int.Cl. B01J 23/06 (2006.01) B01J 37/02 (2006.01) H01M 4/90 (2006.01) H01M 8/10 (2016.01)**
[25] EN
[54] **OXYGEN REDUCTION CATALYST**
[54] **CATALYSEUR DE REDUCTION D'OXYGENE**
[72] TEZUKA, NORIYASU, JP
[72] IMAI, TAKUYA, JP
[72] YOSHIMURA, MASAYUKI, JP
[72] OHMORI, MASAHIRO, JP
[71] SHOWA DENKO K.K., JP
[85] 2016-11-18
[86] 2014-10-07 (PCT/JP2014/076812)
[87] (WO2015/182004)
[30] JP (2014-108472) 2014-05-26

---

[21] **2,949,639**
[13] A1
[51] **Int.Cl. B65G 47/08 (2006.01)**
[25] EN
[54] **PART FEEDER APPARATUS**
[54] **APPAREIL D'ALIMENTATION EN PIECES**
[72] AOYAMA, SHOJI, JP
[72] AOYAMA, YOSHITAKA, JP
[71] AOYAMA, SHOJI, JP
[85] 2016-11-18
[86] 2015-05-20 (PCT/JP2015/064442)
[87] (WO2015/182450)
[30] JP (2014-119983) 2014-05-24
[30] JP (2014-124743) 2014-05-31
[30] JP (2014-129660) 2014-06-07
[30] JP (2014-168837) 2014-08-05
[30] JP (2014-201977) 2014-09-10
[30] JP (2015-031079) 2015-02-02

[21] **2,949,640**
[13] A1
[51] **Int.Cl. A61K 45/00 (2006.01) C12N 5/095 (2010.01) A61K 31/192 (2006.01) A61K 31/196 (2006.01) A61P 35/00 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **CANCER STEM CELL PROLIFERATION INHIBITOR**
[54] **INHIBITEUR DE PROLIFERATION DE CELLULE SOUCHE CANCEREUSE**
[72] KURISAKI AKIRA, JP
[72] WANG YING YING, JP
[72] TAKADA HITOMI, JP
[72] EKIMOTO HISAO, JP
[71] NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, JP
[71] TMRC CO.,LTD., JP
[85] 2016-11-18
[86] 2015-05-20 (PCT/JP2015/064523)
[87] (WO2015/178426)
[30] JP (2014-105543) 2014-05-21

[21] **2,949,641**
[13] A1
[51] **Int.Cl. C08F 214/26 (2006.01) H01M 4/86 (2006.01) H01M 8/10 (2016.01) H01B 1/06 (2006.01)**
[25] EN
[54] **IONOMER HAVING HIGH OXYGEN PERMEABILITY**
[54] **IONOMERE A PERMEABILITE ELEVEE A L'OXYGENE**
[72] MIYAKE, NAOTO, JP
[72] INOUE, YUICHI, JP
[72] MIYAZAKI, KUON, JP
[72] TAGO, TAKAHIRO, JP
[72] INO, TADASHI, JP
[72] YOSHIMURA, TAKASHI, JP
[72] KONDO, MASAHIRO, JP
[71] DAIKIN INDUSTRIES, LTD., JP
[71] ASAHI KASEI KABUSHIKI KAISHA, JP
[85] 2016-11-18
[86] 2015-05-27 (PCT/JP2015/065304)
[87] (WO2015/182676)
[30] JP (2014-110454) 2014-05-28

[21] **2,949,644**
[13] A1
[51] **Int.Cl. A61K 35/74 (2015.01) A61K 35/66 (2015.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **COMPOSITION FOR TREATING OR PREVENTING METABOLIC DISEASE, CONTAINING, ASACTIVE INGREDIENT, EXTRACELLULAR VESICLES DERIVED FROM AKKERMANSIA MUCI NIPHILA BACTERIA**
[54] **COMPOSITION UTILISABLE EN VUE DU TRAITEMENT OU DE LA PREVENTION D'UNE MALADIE METABOLIQUE ET CONTENANT, EN TANT QU'INGREDIENT ACTIF, DES VESICULES EXTRACELLULAIRES PROVENANT DE BACTERIES DE L'ESPECE AKKERMANSIA MUCINIPHILA**
[72] KIM, YOON-KEUN, KR
[72] PARK, HYUN-TAEK, KR
[71] MD HEALTHCARE INC., KR
[85] 2016-11-18
[86] 2015-05-19 (PCT/KR2015/004983)
[87] (WO2015/178653)
[30] KR (10-2014-0060409) 2014-05-20
[30] KR (10-2015-0068864) 2015-05-18

[21] **2,949,646**
[13] A1
[51] **Int.Cl. G06T 15/00 (2011.01) G06T 19/00 (2011.01) A63F 13/00 (2014.01) G06T 17/00 (2006.01) H04N 5/272 (2006.01)**
[25] EN
[54] **A SYSTEM FOR COMBINING VIRTUAL SIMULATED IMAGES WITH REAL FOOTAGE FROM A STUDIO**
[54] **SYSTEME POUR COMBINER DES IMAGES SIMULEES VIRTUELLES AVEC METRAGE REEL DEPUIS UN STUDIO**
[72] KASIN, BARD-ANDERS, NO
[71] THE FUTURE GROUP AS, NO
[85] 2016-11-18
[86] 2015-05-20 (PCT/NO2015/050085)
[87] (WO2015/178777)
[30] NO (20140637) 2014-05-21

[21] **2,949,650**
[13] A1
[51] **Int.Cl. E21B 43/24 (2006.01) E21B 36/00 (2006.01)**
[25] EN
[54] **ADJUSTABLE STEAM INJECTION TOOL**
[54] **OUTILS D'INJECTION DE VAPEUR REGLABLE**
[72] MCCHESNEY, RYAN WESLEY, US
[72] WRIGHT, AUSTIN LEE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-11-18
[86] 2014-09-18 (PCT/US2014/056294)
[87] (WO2016/043747)

[21] **2,949,652**
[13] A1
[51] **Int.Cl. H04N 5/44 (2011.01)**
[25] EN
[54] **TIMING RECOVERY FOR EMBEDDED METADATA**
[54] **RECUPERATION DU RYTHME POUR METADONNEES INTEGREES**
[72] EYER, MARK, US
[71] SONY CORPORATION, JP
[85] 2016-11-18
[86] 2015-05-04 (PCT/US2015/028992)
[87] (WO2015/187287)
[30] US (14/295,695) 2014-06-04

[21] **2,949,653**
[13] A1
[51] **Int.Cl. C07K 7/08 (2006.01) A61K 39/08 (2006.01) A61P 17/00 (2006.01) C07K 19/00 (2006.01) C12N 15/70 (2006.01)**
[25] EN
[54] **NOVEL CELL PENETRATING PEPTIDE, CONJUGATE THEREOF WITH BOTULINUM TOXIN, AND USE THEREOF**
[54] **NOUVEAU PEPTIDE DE PENETRATION CELLULAIRE, CONJUGUE DE CELUI-CI AVEC LA TOXINE BOTULINIQUE, ET SON UTILISATION**
[72] LEE, BYUNG KYU, KR
[72] LEE, KANG JIN, KR
[72] KIM, MINJOONG, KR
[72] PARK, HONGGYU, KR
[71] PROCELL THERAPEUTICS INC., KR
[71] ATGC CO., LTD., KR
[85] 2016-11-18
[86] 2015-05-29 (PCT/KR2015/005434)
[87] (WO2015/183044)
[30] US (62/004,426) 2014-05-29

[21] **2,949,654**
[13] A1
[51] **Int.Cl. A61K 36/8962 (2006.01) A61P 31/00 (2006.01) A61P 31/04 (2006.01) A61P 31/10 (2006.01) A61P 31/12 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO ALLIUM EXTRACTS**
[54] **PERFECTIONNEMENTS APPORTES OU SE RAPPORTANT A DES EXTRAITS D'ALLIUM**
[72] BENNETT, NORMAN JOHN, GB
[72] RAMSEY, EDWARD DALHOUSIE, GB
[71] LEPTREX LTD, GB
[85] 2016-01-11
[86] 2014-01-10 (PCT/GB2014/050060)
[87] (WO2015/008019)
[30] GB (PCT/GB2013/051892) 2013-07-15

---

[21] **2,949,657**
[13] A1
[51] **Int.Cl. G01J 5/04 (2006.01) G01J 5/08 (2006.01)**
[25] EN
[54] **INFRARED TEMPERATURE MEASUREMENT AND STABILIZATION THEREOF**
[54] **MESURE DE TEMPERATURE A L'INFRAROUGE ET STABILISATION DE CELLE-CI**
[72] MASTON, ROBERT A., US
[71] CVG MANAGEMENT CORPORATION, US
[71] MASTON, ROBERT A., US
[85] 2016-11-18
[86] 2015-05-14 (PCT/US2015/030769)
[87] (WO2015/179202)
[30] US (14/281,334) 2014-05-19

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[21] **2,949,658**
[13] A1
[51] **Int.Cl. H01R 31/08 (2006.01) H01R 25/00 (2006.01)**
[25] EN
[54] **SENSORED ELECTRICAL JUMPER**
[54] **CAVALIER ELECTRIQUE DETECTE**
[72] WENTZEL, CARL J., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2016-11-18
[86] 2015-05-18 (PCT/US2015/031359)
[87] (WO2015/179285)
[30] US (62/000,319) 2014-05-19

---

[21] **2,949,661**
[13] A1
[51] **Int.Cl. H01L 33/60 (2010.01)**
[25] EN
[54] **ANTENNA ELEMENT FOR A DIRECTIONAL LIGHTING FIXTURE**
[54] **ELEMENT D'ANTENNE POUR APPAREIL D'ECLAIRAGE DIRIGE**
[72] CHEN, TIMOTHY, US
[72] SARGENT, DONALD A., US
[71] TECHNICAL CONSUMER PRODUCTS, INC., US
[85] 2016-11-18
[86] 2015-05-14 (PCT/US2015/030726)
[87] (WO2015/179200)
[30] US (14/283,719) 2014-05-21

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[21] **2,949,663**
[13] A1
[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/4353 (2006.01) A61K 31/437 (2006.01) A61K 31/444 (2006.01) A61P 35/00 (2006.01) C07D 401/14 (2006.01) C07D 491/22 (2006.01)**
[25] EN
[54] **DIPICOLYLAMINE DERIVATIVES AND THEIR PHARMACEUTICAL USES**
[54] **DERIVES DE DIPICOLYLAMINE ET LEURS UTILISATIONS PHARMACEUTIQUES**
[72] CHEN, CHIUNG-TONG, TW
[72] SHIA, KAK-SHAN, TW
[72] WU, CHIEN-HUANG, TW
[72] TSOU, LUN-KELVIN, TW
[72] CHAO, YU-SHENG, US
[71] MOLECULAR TARGETING TECHNOLOGIES, INC., US
[71] NATIONAL HEALTH RESEARCH INSTITUTE, TW
[85] 2016-11-18
[86] 2015-05-18 (PCT/US2015/031386)
[87] (WO2015/179299)
[30] US (62/001,725) 2014-05-22

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[21] **2,949,664**
[13] A1
[51] **Int.Cl. H05K 5/03 (2006.01) B82Y 5/00 (2011.01) C09D 5/14 (2006.01) C09D 175/00 (2006.01) H05K 5/02 (2006.01)**
[25] EN
[54] **ANTIBACTERIAL COMPOSITION, ANTIBACTERIAL CASES AND ACCESSORIES FOR HANDHELD ELECTRONICS, AND METHOD OF MAKING ANTIBACTERIAL CASES FOR HANDHELD ELECTRONICS**
[54] **COMPOSITION ANTIBACTERIENNE, BOITIERS ANTIBACTERIENS ET ACCESSOIRES POUR DISPOSITIFS ELECTRONIQUES PORTATIFS, ET PROCEDE DE FABRICATION DE BOITIERS ANTIBACTERIENS POUR DISPOSITIFS ELECTRONIQUES PORTATIFS**
[72] LACERDA, CARLOS M., US
[71] LACERDA, CARLOS M., US
[85] 2016-11-18
[86] 2015-05-18 (PCT/US2015/031449)
[87] (WO2015/179325)
[30] US (61/994,931) 2014-05-18
[30] US (14/715,545) 2015-05-18

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[21] **2,949,667**
[13] A1
[51] **Int.Cl. C07D 401/04 (2006.01)**
[25] EN
[54] **ENANTIOPURE HAPTENS FOR NICOTINE VACCINE DEVELOPMENT**
[54] **HAPTENES ENANTIOPURS POUR DEVELOPPER DES VACCINS CONTRE LA NICOTINE**
[72] JANDA, KIM D., US
[72] LOCKNER, JONATHAN W., US
[71] THE SCRIPPS RESEARCH INSTITUTE, US
[85] 2016-11-18
[86] 2015-05-19 (PCT/US2015/031583)
[87] (WO2015/179403)
[30] US (62/000,312) 2014-05-19

[21] **2,949,668**
[13] A1
[51] **Int.Cl. G01R 19/00 (2006.01) E21B 47/13 (2012.01)**
[25] EN
[54] **TELEMETRY SYSTEM, CURRENT SENSOR, AND RELATED METHODS FOR A DRILLING SYSTEM**
[54] **SYSTEME DE TELEMETRIE, CAPTEUR DE COURANT, ET PROCEDES ASSOCIES POUR UN SYSTEME DE FORAGE**
[72] BALOGH, WILLIAM THOMAS, US
[72] WISLER, MACMILLAN M., US
[71] APS TECHNOLOGY, INC., US
[85] 2016-11-18
[86] 2015-05-19 (PCT/US2015/031467)
[87] (WO2015/179331)
[30] US (14/282,262) 2014-05-20

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[21] **2,949,670**
[13] A1
[51] **Int.Cl. A01F 15/07 (2006.01) A01F 15/08 (2006.01)**
[25] EN
[54] **BALING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE MISE EN BALLES**
[72] GAUDREAULT, DANIEL, US
[71] GYRO-TRAC CORPORATION, US
[85] 2016-11-18
[86] 2015-05-19 (PCT/US2015/031554)
[87] (WO2015/179382)
[30] US (62/000,221) 2014-05-19

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[21] **2,949,673**
[13] A1
[51] **Int.Cl. C12N 5/00 (2006.01)**
[25] EN
[54] **FORMATION OF MULTICELLULAR TUMOROIDS AND USES THEREOF**
[54] **FORMATION DE TUMOROIDES MULTICELLULAIRES ET UTILISATIONS DE CEUX-CI**
[72] MOHAPATRA, SUBHRA, US
[72] MOHAPATRA, SHYAM S., US
[72] DAS, MAHASWETA, US
[71] UNIVERSITY OF SOUTH FLORIDA, US
[71] TRANSGENEX THERAPEUTICS, LLC, US
[85] 2016-11-18
[86] 2015-05-19 (PCT/US2015/031571)
[87] (WO2015/179393)
[30] US (62/000,081) 2014-05-19

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[21] **2,949,675**
[13] A1
[51] **Int.Cl. E21B 21/08 (2006.01)**
[25] EN
[54] **A SYSTEM FOR CONTROLLING WELLBORE PRESSURE DURING PUMP SHUTDOWNS**
[54] **SYSTEME DE REGULATION DE PRESSION DE PUITS DE FORAGE PENDANT DES ARRETS DE POMPE**
[72] SPENCER, DANNY, US
[72] MCCASKILL, JOHN W., US
[72] MCHARDY, JOHN (DECEASED), ZZ
[72] CHARLES, SCOTT, US
[71] POWER CHOKES, US
[85] 2016-11-18
[86] 2015-05-19 (PCT/US2015/031590)
[87] (WO2015/179408)
[30] US (62/000,283) 2014-05-19

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[21] **2,949,677**
[13] A1
[51] **Int.Cl. C02F 3/00 (2006.01)**
[25] EN
[54] **MODULAR LIQUID WASTE TREATMENT SYSTEM AND METHOD**
[54] **SYSTEME MODULAIRE DE TRAITEMENT DES DECHETS LIQUIDES ET PROCEDE CORRESPONDANT**
[72] PRESBY, DAVID W., US
[71] PRESBY PATENT TRUST, US
[85] 2016-11-18
[86] 2015-05-19 (PCT/US2015/031602)
[87] (WO2015/179416)
[30] US (62/000,241) 2014-05-19

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[21] **2,949,681**
[13] A1
[51] **Int.Cl. C07K 5/10 (2006.01)**
[25] EN
[54] **MACROCYCLIC BROAD SPECTRUM ANTIBIOTICS**
[54] **ANTIBIOTIQUES MACROCYCLIQUES A LARGE SPECTRE**
[72] SCHWARZ, JACOB BRADLEY, US
[72] LY, CUONG, US
[72] CRAWFORD, JAMES, US
[72] ROBERTS, TUCKER CURRAN, US
[72] SMITH, PETER ANDREW, US
[72] HIGUCHI, ROBERT I., US
[72] PARASELLI, PRASUNA, US
[72] BERGERON, PHILIPPE, US
[72] KOEHLER, MICHAEL F. T., US
[72] HU, HUIYONG, US
[71] RQX PHARMACEUTICALS, INC., US
[71] GENENTECH, INC., US
[85] 2016-11-18
[86] 2015-05-19 (PCT/US2015/031631)
[87] (WO2015/179441)
[30] US (62/000,980) 2014-05-20
[30] US (62/142,404) 2015-04-02

---

[21] **2,949,684**
[13] A1
[51] **Int.Cl. G01L 13/04 (2006.01)**
[25] EN
[54] **DIRECTIONAL DIFFERENTIAL PRESSURE DETECTOR**
[54] **DETECTEUR DE PRESSION DIFFERENTIELLE DIRECTIONNELLE**
[72] WISEMAN, BRIAN M., US
[71] WISEMAN, BRIAN M., US
[85] 2016-11-18
[86] 2015-05-20 (PCT/US2015/031773)
[87] (WO2015/179516)
[30] US (62/000,757) 2014-05-20

[21] **2,949,687**
[13] A1
[51] **Int.Cl. B01D 33/04 (2006.01)**
[25] EN
[54] **SUPPORT STRUCTURE FOR FLUID TREATMENT SYSTEMS HAVING BELTED FILTRATION SYSTEMS**
[54] **STRUCTURE DE SUPPORT POUR SYSTEMES DE TRAITEMENT DE FLUIDE AYANT DES SYSTEMES DE FILTRATION A BANDE**
[72] STRAIN, CORNELIUS J., US
[72] JENNINGS, KYLE, US
[71] NEXOM (U.S.), INC., US
[85] 2016-11-18
[86] 2015-05-20 (PCT/US2015/031854)
[87] (WO2015/179576)
[30] US (62/001,481) 2014-05-21

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[21] **2,949,689**
[13] A1
[51] **Int.Cl. B01D 35/00 (2006.01) C02F 1/00 (2006.01)**
[25] EN
[54] **ENERGY REDUCTION AND MONITORING CONTROL SYSTEM FOR BACKWASHING MEDIA SYSTEMS**
[54] **SYSTEME DE COMMANDE DE SURVEILLANCE ET DE REDUCTION D'ENERGIE POUR LAVER A CONTRE-COURANT DES SYSTEMES DE MILIEU**
[72] GUTIERREZ, MIGUEL A., US
[72] STRAIN, CORNELIUS J., US
[72] COE, RYAN, US
[71] NEXUM (U.S.), INC., US
[85] 2016-11-18
[86] 2015-05-20 (PCT/US2015/031860)
[87] (WO2015/179580)
[30] US (62/001,577) 2014-05-21

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[21] **2,949,690**
[13] A1
[51] **Int.Cl. B65D 5/484 (2006.01)**
[25] EN
[54] **CONTAINER WITH INNER DIVIDER**
[54] **RECIPIENT A CLOISON INTERIEURE**
[72] LEARN, ANGELA E., US
[72] MCKNIGHT, DARIN GUIDO, II, US
[71] PACTIV LLC, US
[85] 2016-11-18
[86] 2015-05-20 (PCT/US2015/031775)
[87] (WO2015/179517)
[30] US (62/000,704) 2014-05-20

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[21] **2,949,701**
[13] A1
[51] **Int.Cl. C07K 19/00 (2006.01) A61K 38/26 (2006.01) A61P 31/10 (2006.01) C07K 14/605 (2006.01)**
[25] EN
[54] **IMPROVED PEPTIDE PHARMACEUTICALS FOR INSULIN RESISTANCE**
[54] **PRODUITS PHARMACEUTIQUES PEPTIDIQUES AMELIORES CONTRE L'INSULINORESISTANCE**
[72] NESTOR, JOHN J., US
[71] MEDERIS DIABETES, LLC, US
[85] 2016-11-18
[86] 2015-05-28 (PCT/US2015/033042)
[87] (WO2015/184177)
[30] US (62/004,156) 2014-05-28

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[21] **2,949,704**
[13] A1
[51] **Int.Cl. H04N 7/025 (2006.01)**
[25] EN
[54] **TARGETED ADVERTISING BASED ON USER PRODUCT INFORMATION**
[54] **PUBLICITE CIBLEE BASEE SUR DES INFORMATIONS RELATIVES A UN PRODUIT D'UTILISATEUR**
[72] HENSGEN, DEBRA, US
[72] BURCKARD, ANTOINE, US
[71] OPENTV, INC., US
[85] 2016-11-18
[86] 2015-05-21 (PCT/US2015/032056)
[87] (WO2015/179699)
[30] US (14/285,429) 2014-05-22

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[21] **2,949,705**
[13] A1
[51] **Int.Cl. C07K 7/00 (2006.01)**
[25] EN
[54] **CELL PENETRATING PEPTIDES AND METHODS OF MAKING AND USING THEREOF**
[54] **PEPTIDES PENETRANT DANS LES CELLULES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] PEI, DEHUA, US
[72] QIAN, ZIQING, US
[71] CYCLOPORTERS, INC., US
[85] 2016-11-18
[86] 2015-05-21 (PCT/US2015/032043)
[87] (WO2015/179691)
[30] US (62/001,535) 2014-05-21
[30] US (62/158,351) 2015-05-07

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[21] **2,949,706**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR AGGREGATING LIKE PRODUCTS FOR CUSTOMER PRODUCT ORDERS**
[54] **APPAREIL ET PROCEDE POUR AGREGER DES PRODUITS SIMILAIRES POUR DES COMMANDES DE PRODUIT DE CLIENT**
[72] SOLDATE, DAVID W., US
[72] LUNA, JOHN, US
[71] WAL-MART STORES, INC., US
[85] 2016-11-18
[86] 2015-05-29 (PCT/US2015/033142)
[87] (WO2015/184237)
[30] US (62/005,833) 2014-05-30

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[21] **2,949,707**
[13] A1
[51] **Int.Cl. F21S 4/28 (2016.01) F21K 9/00 (2016.01) F21S 8/04 (2006.01) F21V 5/02 (2006.01) F21V 15/015 (2006.01) F21V 17/00 (2006.01) F21V 21/005 (2006.01) F21V 21/02 (2006.01)**
[25] EN
[54] **LUMINAIRE**
[54] **LUMINAIRE**
[72] RECTOR, DAVID JOHN, US
[72] BROWN, RAYMOND A., US
[72] SPITZER, JEFFREY A., US
[72] MACINTOSH, KENNETH W., US
[72] VANG, SENG, US
[72] JACKSON, DUNCAN DALGLEISH PAUL, US
[72] JAMISON, AIDAN, US
[72] BLACK, ANDREW MARK, US
[72] DENEKAMP, NIELS, US
[72] BILLINGS, EOIN, GB
[71] HUBBELL INCORPORATED, US
[85] 2016-11-18
[86] 2015-05-22 (PCT/US2015/032121)
[87] (WO2015/179731)
[30] US (62/002,653) 2014-05-23
[30] US (62/088,253) 2014-12-05

[21] **2,949,708**
[13] A1
[51] **Int.Cl. F04B 39/10 (2006.01)**
[25] EN
[54] **RECIPROCATING PUMP WITH IMPROVED FLUID CYLINDER CROSS-BORE GEOMETRY**
[54] **POMPE ALTERNATIVE PRESENTANT UNE MEILLEURE GEOMETRIE D'ALESAGE TRANSVERSAL DE CYLINDRE DE FLUIDE**
[72] MORREALE, JOHN D., US
[72] CRAWFORD, PAUL A., US
[71] FMC TECHNOLOGIES, INC., US
[85] 2016-11-18
[86] 2015-05-22 (PCT/US2015/032300)
[87] (WO2015/179839)
[30] US (62/002,593) 2014-05-23

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[21] **2,949,709**
[13] A1
[51] **Int.Cl. A61M 37/00 (2006.01) A61M 5/142 (2006.01) A61M 5/168 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **SWITCH VALIDATION CIRCUIT AND METHOD**
[54] **CIRCUIT ET PROCEDE DE VALIDATION PAR COMMUTATION**
[72] LEMKE, JOHN, US
[72] SATRE, SCOT, US
[72] CHEN, CORINNA X., US
[72] READ, BRIAN W., US
[72] DOUGHERTY, JASON E., US
[72] JOSHI, NITIN B., US
[71] INCLINE THERAPEUTICS, INC., US
[85] 2016-11-18
[86] 2015-06-03 (PCT/US2015/033990)
[87] (WO2015/187834)
[30] US (14/296,085) 2014-06-04

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[21] **2,949,711**
[13] A1
[51] **Int.Cl. C12P 7/64 (2006.01) A61K 31/232 (2006.01) C10G 3/00 (2006.01) C11B 1/00 (2006.01)**
[25] EN
[54] **LABYRINTHULOMYCETE STRAINS FOR PRODUCING DOCOSAHEXAENOIC ACID**
[54] **SOUCHES DE LA CLASSE DES LABYRINTHULOMYCETES POUR LA PRODUCTION D'ACIDE DOCOSAHEXAENOIQUE**
[72] RADAKOVITS, RANDOR R., US
[72] CHAMPAGNE, MICHELE L., US
[71] SYNTHETIC GENOMICS, INC., US
[85] 2016-11-18
[86] 2015-05-22 (PCT/US2015/032308)
[87] (WO2015/179844)
[30] US (62/002,107) 2014-05-22

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[21] **2,949,712**
[13] A1
[51] **Int.Cl. H01B 7/00 (2006.01) H01B 7/18 (2006.01)**
[25] EN
[54] **JACKETED TORQUE BALANCED ELECTROMECHANICAL CABLE**
[54] **CABLE ELECTROMECANIQUE EQUILIBRE EN COUPLE GAINE**
[72] POURLADIAN, BAMDAD, US
[72] FOROUZESH, ELHAM, US
[72] BOWLAND, KYLE, US
[71] WIRECO WORLDGROUP INC., US
[85] 2016-11-18
[86] 2015-05-29 (PCT/US2015/033352)
[87] (WO2015/184369)
[30] US (62/005,686) 2014-05-30

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[21] **2,949,714**
[13] A1
[51] **Int.Cl. F16L 55/04 (2006.01) G01M 3/00 (2006.01)**
[25] EN
[54] **MOISTURE DETECTING AIR CAP INDICATOR FOR EXPANSION TANK FAILURE**
[54] **INDICATEUR DE BOUCHON A AIR DETECTANT L'HUMIDITE POUR DEFAILLANCE DE RESERVOIR D'EXPANSION**
[72] VAN HAAREN, CHRISTOPHER A., US
[72] CERPOVICZ, KENNETH, US
[72] KAMPF, CHRISTOPHER, US
[71] AMTROL LICENSING INC., US
[85] 2016-11-18
[86] 2015-05-27 (PCT/US2015/032644)
[87] (WO2015/183933)
[30] US (14/291,894) 2014-05-30

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[21] **2,949,716**
[13] A1
[51] **Int.Cl. A61K 8/35 (2006.01) A61K 8/37 (2006.01)**
[25] EN
[54] **MICROENCAPSULATION TECHNIQUE AND PRODUCTS THEREOF**
[54] **TECHNIQUE DE MICRO-ENCAPSULATION ET SES PRODUITS**
[72] RAMACHANDRAN, KARTHIK, US
[72] HARRINGTON, STEPHEN MICHAEL, US
[71] LIKARDA, LLC, US
[85] 2016-11-18
[86] 2015-06-03 (PCT/US2015/034041)
[87] (WO2015/187862)
[30] US (62/007,717) 2014-06-04

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[21] **2,949,717**
[13] A1
[51] **Int.Cl. A47C 19/22 (2006.01) A47C 17/86 (2006.01) A47C 19/00 (2006.01) A47C 29/00 (2006.01)**
[25] EN
[54] **CONVERTIBLE BED FRAME AND CONVERTIBLE COVER**
[54] **CADRE DE LIT CONVERTIBLE ET ENCEINTE CONVERTIBLE**
[72] WRIGHT, DAVID, CA
[71] WRIGHT, DAVID, CA
[85] 2016-11-21
[86] 2015-06-15 (PCT/CA2015/050553)
[87] (WO2015/196279)
[30] US (62/016,098) 2014-06-24

[21] **2,949,720**
[13] A1
[51] **Int.Cl. C07J 5/00 (2006.01) A61K 31/57 (2006.01) A61K 31/58 (2006.01) A61P 25/00 (2006.01) C07J 7/00 (2006.01)**
[25] EN
[54] **NEUROACTIVE STEROIDS, COMPOSITIONS, AND USES THEREOF**
[54] **STEROIDES NEUROACTIFS, LEURS COMPOSITIONS ET UTILISATIONS**
[72] BOTELLA, GABRIEL MARTINEZ, US
[72] HARRISON, BOYD L., US
[72] ROBICHAUD, ALBERT JEAN, US
[72] SALITURO, FRANCESCO G., US
[72] BERESIS, RICHARD THOMAS, CN
[71] SAGE THERAPEUTICS, INC., US
[85] 2016-11-21
[86] 2015-05-29 (PCT/CN2015/080216)
[87] (WO2015/180679)
[30] CN (PCT/CN2014/078820) 2014-05-29

[21] **2,949,721**
[13] A1
[51] **Int.Cl. B66C 23/74 (2006.01) B66C 23/72 (2006.01)**
[25] EN
[54] **COMBINED COUNTERWEIGHT HITCHING DEVICE AND METHOD THEREOF, AND COUNTERWEIGHT MOUNTING STRUCTURE**
[54] **APPAREIL ET PROCEDE D'ACCROCHAGE DE CONTREPOIDS COMBINE, ET STRUCTURE DE MONTAGE DE CONTREPOIDS**
[72] ZHANG, ZHENGDE, CN
[72] ZHANG, HAIYAN, CN
[72] JIN, RONG, CN
[72] HU, XIAODONG, CN
[72] HUANG, QUANSHENG, CN
[71] XUZHOU HEAVY MACHINERY CO., LTD., CN
[85] 2016-11-21
[86] 2014-05-26 (PCT/CN2014/078378)
[87] (WO2015/180007)

[21] **2,949,724**
[13] A1
[51] **Int.Cl. G01N 21/64 (2006.01) B82Y 15/00 (2011.01)**
[25] EN
[54] **FLUORESCENT NANOSENSORS AND USES THEREOF**
[54] **NANOCAPTEURS FLUORESCENTS ET UTILISATIONS DE CEUX-CI**
[72] BOUDREAU, DENIS, CA
[72] ASSELIN, JEREMIE, CA
[72] DORAIS, MARIE-CHRISTINE, CA
[71] UNIVERSITE LAVAL, CA
[85] 2016-11-21
[86] 2015-05-25 (PCT/CA2015/000337)
[87] (WO2015/176168)
[30] US (62/002,522) 2014-05-23
[30] US (62/013,347) 2014-06-17

[21] **2,949,734**
[13] A1
[51] **Int.Cl. F24D 13/02 (2006.01)**
[25] EN
[54] **DYNAMIC HEATING SYSTEM**
[54] **SYSTEME DYNAMIQUE DE CHAUFFAGE**
[72] MARTI FIBLA, LLUC, ES
[72] MARTIN SERRANO, LARA, ES
[71] EXPLODED VIEW, S.L., ES
[85] 2016-11-21
[86] 2015-05-15 (PCT/ES2015/070389)
[87] (WO2015/177390)
[30] ES (P201430723) 2014-05-19

[21] **2,949,736**
[13] A1
[51] **Int.Cl. H05B 33/08 (2006.01) H02M 1/38 (2007.01) H02M 5/275 (2006.01)**
[25] EN
[54] **IMPROVEMENTS RELATING TO POWER ADAPTORS**
[54] **AMELIORATIONS CONCERNANT DES ADAPTATEURS D'ALIMENTATION**
[72] SUMMERLAND, DAVID, GB
[71] LED LIGHTING CONSULTANTS LIMITED, GB
[85] 2016-11-21
[86] 2014-05-23 (PCT/GB2014/051602)
[87] (WO2014/188219)
[30] GB (1309340.6) 2013-05-23

[21] **2,949,738**
[13] A1
[51] **Int.Cl. B07B 1/40 (2006.01)**
[25] EN
[54] **MODULAR EXCITER BEAM**
[54] **POUTRE POUR MECANISME D'EXCITATION MODULAIRE**
[72] ASHLEY, GORDON, AU
[72] MANN, SIMON GERARD, AU
[72] SHALEM, ROTEM, AU
[72] BURGESS, JAMES MATTHEW, AU
[72] MORRIS, PHILIP, DE
[72] THOMAIER, MARTIN, DE
[71] SCHENCK PROCESS AUSTRALIA PTY LIMITED, AU
[85] 2016-11-21
[86] 2015-05-21 (PCT/AU2015/000301)
[87] (WO2015/176114)
[30] AU (2014901891) 2014-05-21

[21] **2,949,741**
[13] A1
[51] **Int.Cl. E21B 4/00 (2006.01) E21B 17/10 (2006.01)**
[25] EN
[54] **DOWNHOLE APPARATUS AND METHOD**
[54] **APPAREIL DE FOND DE TROU ET PROCEDE ASSOCIE**
[72] SIMPSON, NEIL ANDREW ABERCROMBIE, GB
[71] PARADIGM DRILLING SERVICES LIMITED, GB
[85] 2016-11-21
[86] 2014-05-29 (PCT/GB2014/051645)
[87] (WO2014/191752)
[30] GB (1309853.8) 2013-05-29

[21] **2,949,744**
[13] A1
[51] **Int.Cl. B65D 19/18 (2006.01) B65D 19/32 (2006.01)**
[25] EN
[54] **PALLET AND METHOD OF MAKING A PALLET**
[54] **PALLETE ET PROCEDE DE FABRICATION D'UNE PALETTE**
[72] TANDY, NICK, AU
[72] HILL, STEVE, AU
[72] RUBY, CRAIG, AU
[72] HILL, CHRIS, AU
[72] SHOOLMAN, DAVID, AU
[72] BAKER, LEE, AU
[72] BAYLY, MARK, AU
[71] ACHIMAN PTY LTD, AU
[85] 2016-11-21
[86] 2015-05-22 (PCT/AU2015/050270)
[87] (WO2015/176138)
[30] AU (2014901932) 2014-05-22
[30] AU (2014904865) 2014-12-01

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[21] **2,949,748**
[13] A1
[51] **Int.Cl. A61M 39/10 (2006.01)**
[25] EN
[54] **SAFETY CAP FOR MEDICAL DEVICES**
[54] **CAPUCHON DE SECURITE POUR DISPOSITIFS MEDICAUX**
[72] GUALA, GIANNI, IT
[71] INDUSTRIE BORLA S.P.A., IT
[85] 2016-11-21
[86] 2014-07-21 (PCT/IB2014/063285)
[87] (WO2016/012834)

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[21] **2,949,750**
[13] A1
[51] **Int.Cl. A01N 59/16 (2006.01) A01C 1/06 (2006.01) A01H 1/04 (2006.01) A01H 3/04 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A01H 7/00 (2006.01) A01N 59/00 (2006.01) A01P 1/00 (2006.01) A01P 3/00 (2006.01) A01P 21/00 (2006.01)**
[25] EN
[54] **ENHANCEMENT AND CONTROL OF SEED GERMINATION WITH COMPOSITIONS COMPRISINGA TRANSITION METAL CATALYST AND AN OXIDANT**
[54] **AMELIORATION ET CONTROLE DE LA GERMINATION DES GRAINES AU MOYEN DE COMPOSITIONS COMPRENANT UN CATALYSEUR A METAUX DE TRANSITION ET UN OXYDANT**
[72] OLKOWSKI, ANDREW A., CA
[72] LAARVELD, BERNARD, CA
[72] TANINO, KAREN K., CA
[71] UNIVERSITY OF SASKATCHEWAN, CA
[85] 2016-11-21
[86] 2014-05-29 (PCT/IB2014/061826)
[87] (WO2014/191961)
[30] US (61/828,617) 2013-05-29

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[21] **2,949,751**
[13] A1
[51] **Int.Cl. B62K 15/00 (2006.01) B62J 15/00 (2006.01)**
[25] EN
[54] **FOLDING FENDER**
[54] **GARDE-BOUE PLIABLE**
[72] VODEV, VALENTIN, BG
[71] VODEV, VALENTIN, BG
[85] 2016-11-21
[86] 2015-05-19 (PCT/IB2015/053695)
[87] (WO2015/177730)
[30] AT (A50363/2014) 2014-05-21

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[21] **2,949,755**
[13] A1
[51] **Int.Cl. A61M 1/28 (2006.01)**
[25] EN
[54] **CONTINUOUS IMPLANTABLE PERITONEAL DIALYSIS**
[54] **DIALYSE PERITONEALE IMPLANTABLE CONTINUE**
[72] FELD, YAIR, IL
[71] PARAGATE MEDICAL LTD., IL
[85] 2016-11-21
[86] 2015-06-14 (PCT/IL2015/050598)
[87] (WO2015/193880)
[30] US (62/012,381) 2014-06-15

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[21] **2,949,757**
[13] A1
[51] **Int.Cl. G01M 3/02 (2006.01) E03B 7/12 (2006.01) G01M 3/28 (2006.01)**
[25] EN
[54] **NON-INVASIVE THERMAL DISPERSION FLOW METER WITH CHRONOMETRIC MONITOR OR FLUID LEAK DETECTION AND FREEZE BURST PREVENTION**
[54] **DEBITMETRE A DISPERSION THERMIQUE NON-INVASIF A SUIVEUR CHRONOMETRIQUE OU DETECTION DE FUITE DE FLUIDE ET PREVENTION D'ECLATEMENT DU AU GEL**
[72] TRESCOTT, ROBERT, US
[72] SHAW, SCOTT, US
[71] SENTINEL HYDROSOLUTIONS, LLC, US
[85] 2016-11-21
[86] 2014-05-21 (PCT/US2014/038994)
[87] (WO2015/178904)

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[21] **2,949,758**
[13] A1
[51] **Int.Cl. B21D 26/041 (2011.01) B21D 26/053 (2011.01) C21D 1/18 (2006.01) C21D 9/08 (2006.01)**
[25] EN
[54] **MOLDING DEVICE AND MOLDING METHOD**
[54] **DISPOSITIF ET PROCEDE DE MOULAGE**
[72] ISHIZUKA, MASAYUKI, JP
[72] UENO, NORIEDA, JP
[72] SAIKA, MASAYUKI, JP
[72] KOMATSU, TAKASHI, JP
[71] SUMITOMO HEAVY INDUSTRIES, LTD., JP
[85] 2016-11-21
[86] 2015-05-20 (PCT/JP2015/064479)
[87] (WO2015/178419)
[30] JP (2014-105885) 2014-05-22

[21] **2,949,759**
[13] A1
[51] **Int.Cl. A61F 2/28 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR REGENERATION OF HARD TISSUES**
[54] **COMPOSITIONS ET PROCEDES DE REGENERATION DE TISSUS DURS**
[72] JIE, QIANG, CN
[72] ZHONG, JIPIN, US
[72] POMRINK, GREGORY J., US
[71] NOVABONE PRODUCTS, LLC, US
[85] 2016-11-21
[86] 2015-01-20 (PCT/US2015/012046)
[87] (WO2015/187207)
[30] US (14/295,839) 2014-06-04

[21] **2,949,766**
[13] A1
[51] **Int.Cl. B65G 53/00 (2006.01)**
[25] EN
[54] **VORTEX EFFECT PRODUCTION DEVICE AND METHOD FOR IMPROVED TRANSPORT OF MATERIALS THROUGH A TUBE, PIPE, OR CYLINDER STRUCTURE**
[54] **DISPOSITIF DE PRODUCTION D'EFFET DE TOURBILLON ET PROCEDE POUR LE TRANSPORT AMELIORE DE MATERIAUX A TRAVERS UNE STRUCTURE DE TUBE, DE TUYAU OU DE CYLINDRE**
[72] SCRUGGS, JAMES, US
[71] SCRUGGS, JAMES, US
[85] 2016-11-21
[86] 2015-04-02 (PCT/US2015/024084)
[87] (WO2015/179026)
[30] US (14/283,218) 2014-05-21

[21] **2,949,768**
[13] A1
[51] **Int.Cl. G06K 9/78 (2006.01)**
[25] EN
[54] **NON-INVASIVE MULTIMODAL BIOMETRICAL IDENTIFICATION SYSTEM OF ANIMALS**
[54] **SYSTEME D'IDENTIFICATION BIOMETRIQUE MULTIMODAL NON INVASIF D'ANIMAUX**
[72] KASIN, KJELL IVAR, NO
[72] SIVERTSEN, CLAS GERHARD, CN
[71] APPLIED ADVANCED TECHNOLOGIES LTD., CN
[85] 2016-11-21
[86] 2015-05-19 (PCT/CN2015/079252)
[87] (WO2015/176637)
[30] US (62/000,890) 2014-05-20

[21] **2,949,769**
[13] A1
[51] **Int.Cl. H01M 8/24 (2016.01) H01M 8/10 (2016.01)**
[25] EN
[54] **MANUFACTURING METHOD OF FUEL CELL AND MANUFACTURING DEVICE OF FUEL CELL**
[54] **PROCEDE ET DISPOSITIF DE FABRICATION DE PILE A COMBUSTIBLE**
[72] ICHIHARA, KEIJI, JP
[72] TORII, NAOYUKI, JP
[72] SAITO, TSUNEO, JP
[72] FUJII, TAKAHIKO, JP
[72] NAKATOMI, TERUHITO, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2016-11-21
[86] 2015-05-20 (PCT/JP2015/064536)
[87] (WO2015/178432)
[30] JP (PCT/JP2014/063503) 2014-05-21

[21] **2,949,771**
[13] A1
[51] **Int.Cl. B66C 1/10 (2006.01) B65G 1/04 (2006.01) B65G 47/90 (2006.01)**
[25] EN
[54] **CONTAINER RAISING/LOWERING CONVEYANCE APPARATUS**
[54] **APPAREIL DE TRANSPORT PAR LEVAGE/ABAISSEMENT DE CONTENANT**
[72] KYOTANI, HISASHI, JP
[72] OGAWA, KAZUKI, JP
[71] DAIFUKU CO., LTD., JP
[85] 2016-11-21
[86] 2015-06-04 (PCT/JP2015/066192)
[87] (WO2015/190393)
[30] JP (2014-122243) 2014-06-13

[21] **2,949,773**
[13] A1
[51] **Int.Cl. A61K 38/00 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR ENHANCEMENT OF ABILITY TO CONCENTRATE**
[54] **PROCEDES ET COMPOSITIONS POUR AUGMENTER LE POUVOIR DE CONCENTRATION**
[72] HISHIDA, YUKIHIRO, JP
[72] IKEDA, TAKESHI, JP
[72] NAKAGIRI, RYUSUKE, JP
[72] KAMIMURA, AYAKO, JP
[71] KYOWA HAKKO BIO CO., LTD., JP
[85] 2016-11-21
[86] 2015-05-22 (PCT/JP2015/065490)
[87] (WO2015/178507)
[30] US (62/002,548) 2014-05-23

[21] **2,949,774**
[13] A1
[51] **Int.Cl. B66C 1/10 (2006.01) B65G 1/04 (2006.01) B65G 47/90 (2006.01)**
[25] EN
[54] **CONTAINER RAISING/LOWERING CONVEYANCE APPARATUS**
[54] **APPAREIL DE TRANSPORT AVEC ELEVATION/ABAISSEMENT DE CONTENEUR**
[72] KYOTANI, HISASHI, JP
[72] OGAWA, KAZUKI, JP
[71] DAIFUKU CO., LTD., JP
[85] 2016-11-21
[86] 2015-06-04 (PCT/JP2015/066195)
[87] (WO2015/190395)
[30] JP (2014-122245) 2014-06-13

[21] **2,949,775**
[13] A1
[51] **Int.Cl. B66C 1/10 (2006.01) B65G 1/04 (2006.01) B65G 47/90 (2006.01)**
[25] EN
[54] **CONTAINER RAISING/LOWERING CONVEYANCE APPARATUS**
[54] **APPAREIL DE TRANSPORT AVEC ELEVATION/ABAISSEMENT DE CONTENEUR**
[72] KYOTANI, HISASHI, JP
[72] OGAWA, KAZUKI, JP
[71] DAIFUKU CO., LTD., JP
[85] 2016-11-21
[86] 2015-06-04 (PCT/JP2015/066194)
[87] (WO2015/190394)
[30] JP (2014-122244) 2014-06-13

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[21] **2,949,776**
[13] A1
[51] **Int.Cl. B66C 1/10 (2006.01) B65G 1/04 (2006.01) B65G 47/90 (2006.01)**
[25] EN
[54] **CONTAINER RAISING/LOWERING CONVEYANCE APPARATUS**
[54] **APPAREIL DE TRANSPORT A ELEVATION/ABAISSEMENT DE CONTENEURS**
[72] KYOTANI, HISASHI, JP
[72] OGAWA, KAZUKI, JP
[71] DAIFUKU CO., LTD., JP
[85] 2016-11-21
[86] 2015-06-04 (PCT/JP2015/066197)
[87] (WO2015/190396)
[30] JP (2014-122246) 2014-06-13

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[21] **2,949,777**
[13] A1
[51] **Int.Cl. C07D 235/10 (2006.01) C07C 29/38 (2006.01) C07C 31/38 (2006.01) C07C 319/14 (2006.01) C07C 323/12 (2006.01) C07B 61/00 (2006.01)**
[25] EN
[54] **FLUOROALKYLATING AGENT**
[54] **AGENT FLUOROALKYLANT**
[72] KAWAZOE, KENTARO, JP
[72] YOSHIOKA, KOTARO, JP
[71] IHARA CHEMICAL INDUSTRY CO., LTD., JP
[71] KUMIAI CHEMICAL INDUSTRY CO., LTD., JP
[85] 2016-11-21
[86] 2015-06-24 (PCT/JP2015/068127)
[87] (WO2015/199109)
[30] JP (2014-131688) 2014-06-26

---

[21] **2,949,778**
[13] A1
[51] **Int.Cl. A61B 5/1473 (2006.01) A61B 5/145 (2006.01) A61B 5/1486 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **DEVICE FOR BIOSENSING WITH INDWELLING VENOUS CATHETER**
[54] **DISPOSITIF POUR LA BIODETECTION DE SONDE VEINEUSE A DEMEURE**
[72] BIGELOW, EMMA, US
[72] PAIS, ROHAN, US
[72] COLLINS, ROB, US
[72] JAMIESON, BRIAN, US
[71] DIAGNOSTIC BIOCHIPS, US
[85] 2016-11-21
[86] 2015-04-08 (PCT/US2015/024970)
[87] (WO2015/157447)
[30] US (61/976,739) 2014-04-08

---

[21] **2,949,780**
[13] A1
[51] **Int.Cl. D06F 39/02 (2006.01)**
[25] EN
[54] **WASHING MACHINE**
[54] **MACHINE A LAVER**
[72] LEE, SANG UP, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2016-11-21
[86] 2015-05-19 (PCT/KR2015/004991)
[87] (WO2015/178657)
[30] KR (10-2014-0061506) 2014-05-22
[30] KR (10-2014-0169985) 2014-12-01

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[21] **2,949,784**
[13] A1
[51] **Int.Cl. G06F 1/04 (2006.01) G06F 15/173 (2006.01) G06Q 20/08 (2012.01)**
[25] EN
[54] **EFFICIENT AND RELIABLE HOST DISTRIBUTION OF TOTALLY ORDERED GLOBAL STATE**
[54] **REPARTITION EFFICACE ET FIABLE PARMI DES HOTES D'UN ETAT GENERAL TOTALEMENT ORDONNE**
[72] FARNLOF, PATRIK, SE
[72] ADOLFSSON, ROBERT, SE
[71] NASDAQ TECHNOLOGY AB, SE
[85] 2016-11-21
[86] 2015-05-21 (PCT/SE2015/050585)
[87] (WO2015/178849)
[30] US (62/001,616) 2014-05-21

---

[21] **2,949,785**
[13] A1
[51] **Int.Cl. C07D 239/48 (2006.01) A61K 31/506 (2006.01) A61P 35/00 (2006.01) C07D 405/04 (2006.01) C07D 409/04 (2006.01) C07D 413/12 (2006.01) C07D 417/12 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **MTH1 INHIBITORS FOR TREATMENT OF CANCER**
[54] **INHIBITEURS MTH1 POUR LE TRAITEMENT DU CANCER**
[72] SCOBIE, MARTIN, SE
[72] WALLNER, OLOV, SE
[72] KOOLMEISTER, TOBIAS, SE
[72] VALLIN, KARL SVEN AXEL, SE
[72] HENRIKSSON, CARL MARTIN, SE
[72] JACQUES, SYLVAIN, FR
[72] HOMAN, EVERT, SE
[72] HELLEDAY, THOMAS, SE
[71] THOMAS HELLEDAYS STIFTELSE FOR MEDICINSK FORSKNING, SE
[85] 2016-11-21
[86] 2015-06-04 (PCT/SE2015/050653)
[87] (WO2015/187088)
[30] SE (1450680-2) 2014-06-04

---

[21] **2,949,811**
[13] A1
[51] **Int.Cl. G10G 1/02 (2006.01)**
[25] FR
[54] **DESCRIPTIVE MEMORY**
[54] **MEMOIRE DESCRIPTIVE**
[72] LETENDRE, JEAN, CA
[71] LETENDRE, JEAN, CA
[85] 2016-06-09
[86] 2012-12-27 (PCT/CA2012/001186)
[87] (WO2014/089666)

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[21] **2,949,813**
[13] A1
[51] **Int.Cl. B65G 47/31 (2006.01) B65G 43/00 (2006.01) B65G 43/08 (2006.01)**
[25] EN
[54] **GAPPING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE REALISATION D'ESPACE**
[72] NEISER, RAYMOND R., US
[72] RESNICK, BRIAN J., US
[72] BUERKLE, RALF, US
[71] INTELLIGRATED HEADQUARTERS LLC, US
[85] 2016-11-21
[86] 2015-05-22 (PCT/US2015/032096)
[87] (WO2015/179722)
[30] US (62/002,708) 2014-05-23

[21] **2,949,814**
[13] A1
[51] **Int.Cl. A61K 31/573 (2006.01) A61K 31/19 (2006.01) A61K 38/28 (2006.01) A61P 17/14 (2006.01) A61P 19/00 (2006.01)**
[25] EN
[54] **FORMULATION FOR REGENERATION OF BONE, CARTILAGE, TEETH, AND PERIODONTIUM AND TREATMENT OF TUMORS AND CYSTS**
[54] **PREPARATION UTILISEE POUR REGENERER L'OS, LE CARTILAGE, LES DENTS ET LE PARODONTE, ET TRAITEMENT DES TUMEURS ET DES KYSTES**
[72] PAZ GARCIA, JUAN, MX
[72] PAZ MICHEL, BRENDA ASTRID, MX
[71] PAZ GARCIA, JUAN, MX
[71] PAZ MICHEL, BRENDA ASTRID, MX
[85] 2016-11-21
[86] 2015-05-22 (PCT/US2015/032114)
[87] (WO2015/179729)
[30] MX (MX/A/2014/006259) 2014-05-23
[30] US (14/613,808) 2015-02-04

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[21] **2,949,816**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **METHODS FOR ASSESSING RESPONSIVENESS TO ASTHMA TREATMENT BASED ON VNN-1 EXPRESSION AND PROMOTER METHYLATION**
[54] **PROCEDES D'EVALUATION DE LA REACTIVITE AU TRAITEMENT DE L'ASTHME SUR LA BASE DE L'EXPRESSION DE VNN-1 ET DE LA METHYLATION DE PROMOTEUR**
[72] HERSHEY, GURJIT KHURANA, US
[72] MYERS, JOCELYN BIAGINI, US
[72] JI, HONG, US
[72] MARTIN, LISA J., US
[71] CHILDREN'S HOSPITAL MEDICAL CENTER, US
[85] 2016-11-25
[86] 2015-05-15 (PCT/US2015/030984)
[87] (WO2015/175886)
[30] US (61/994,477) 2014-05-16

---

[21] **2,949,824**
[13] A1
[51] **Int.Cl. B27K 3/02 (2006.01) B05D 7/06 (2006.01) B27K 3/52 (2006.01)**
[25] EN
[54] **METHODS OF CONFERRING FIRE RETARDANCY TO WOOD AND FIRE-RETARDANT WOOD PRODUCTS**
[54] **PROCEDES PERMETTANT DE CONFERER UNE PROPRIETE D'ININFLAMMABILITE AU BOIS, ET PRODUITS DE BOIS IGNIFUGES**
[72] ZHANG, JUN, US
[72] HORTON, JOHN, US
[72] GAO, XINHAO HOWARD, US
[71] KOPPERS PERFORMANCE CHEMICALS INC., US
[85] 2016-11-21
[86] 2015-05-27 (PCT/US2015/032546)
[87] (WO2015/187414)
[30] US (62/007,704) 2014-06-04
[30] US (14/328,075) 2014-07-10

---

[21] **2,949,827**
[13] A1
[51] **Int.Cl. F15B 1/08 (2006.01)**
[25] EN
[54] **THROUGH WALL CONNECTOR FOR A MULTI-CHAMBER PRESSURE VESSEL**
[54] **CONNECTEUR PASSE-PAROI POUR RECIPIENT SOUS PRESSION MULTI-CHAMBRE**
[72] MURPHY, LUCAS, US
[71] FLEXCON INDUSTRIES, INC., US
[85] 2016-11-21
[86] 2015-05-27 (PCT/US2015/032552)
[87] (WO2015/183873)
[30] US (62/004,012) 2014-05-28

---

[21] **2,949,828**
[13] A1
[51] **Int.Cl. G06Q 10/02 (2012.01) G06Q 50/12 (2012.01)**
[25] EN
[54] **AUTOMATED BEST RATE GUARANTEE**
[54] **GARANTIE DE MEILLEUR TARIF AUTOMATISEE**
[72] LULLA, GAUTAM, US
[72] PARRILLA, JOSEPH, US
[71] TRAVEL TRIPPER LLC, US
[85] 2016-11-21
[86] 2015-05-21 (PCT/US2015/031940)
[87] (WO2015/179620)
[30] US (62/001,266) 2014-05-21
[30] US (14/718,369) 2015-05-21

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[21] **2,949,830**
[13] A1
[51] **Int.Cl. F24H 1/10 (2006.01) F24H 9/02 (2006.01) F24H 9/18 (2006.01)**
[25] EN
[54] **MODULAR MANIFOLD FOR A TANKLESS WATER HEATER**
[54] **COLLECTEUR MODULAIRE DESTINE A UN CHAUFFE-EAU SANS RESERVOIR**
[72] LUTZ, KENNETH E., II, US
[71] KELTECH, INC., US
[85] 2016-11-21
[86] 2015-05-21 (PCT/US2015/031947)
[87] (WO2015/183686)
[30] US (14/290,274) 2014-05-29

---

[21] **2,949,832**
[13] A1
[51] **Int.Cl. A61B 6/00 (2006.01) B65B 5/06 (2006.01)**
[25] EN
[54] **MARKER ELEMENT, DEVICE FOR MAKING A MARKER ELEMENT, AND METHOD FOR MAKING A MARKER ELEMENT**
[54] **MARQUEUR, DISPOSITIF DE FABRICATION D'UN MARQUEUR ET PROCEDE DE MARQUAGE D'UN MARQUEUR**
[72] LINDERMAN, EVAN, US
[72] PLISHKA, MICHAEL, US
[71] CAREFUSION 2200, INC., US
[85] 2016-11-21
[86] 2015-05-21 (PCT/US2015/032012)
[87] (WO2015/179667)
[30] US (14/286,484) 2014-05-23

---

[21] **2,949,841**
[13] A1
[51] **Int.Cl. G06Q 30/06 (2012.01) G06Q 20/22 (2012.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR FACILITATING A SOCIAL GROUP SHOPPING EXPERIENCE**
[54] **APPAREIL ET PROCEDE DE FACILITATION D'UNE EXPERIENCE D'ACHATS EN GROUPE SOCIAL**
[72] TODD, JASON R., US
[72] WEBB, TIMOTHY W., US
[72] KLUVER, JARED M., US
[71] WAL-MART STORES, INC., US
[85] 2016-11-21
[86] 2015-05-29 (PCT/US2015/033201)
[87] (WO2015/184269)
[30] US (62/005,864) 2014-05-30

[21] **2,949,843**
[13] A1
[51] **Int.Cl. A61N 1/36 (2006.01) A61N 1/04 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PERIPHERAL NERVE STIMULATION TO TREAT TREMOR**
[54] **SYSTEMES ET PROCEDES DE STIMULATION DE NERF PERIPHERIQUE POUR TRAITER UN TREMBLEMENT**
[72] WONG, SERENA HANYING, US
[72] ROSENBLUTH, KATHRYN H., US
[72] HAMNER, SAMUEL, US
[72] CHIDESTER, PAULA, US
[72] DELP, SCOTT L., US
[72] SANGER, TERENCE D., US
[72] KLEIN, DAVID, US
[71] CALA HEALTH, INC., US
[85] 2016-11-21
[86] 2015-06-02 (PCT/US2015/033809)
[87] (WO2015/187712)
[30] US (62/006,555) 2014-06-02
[30] US (62/006,565) 2014-06-02
[30] US (62/083,424) 2014-11-24
[30] US (62/157,116) 2015-05-05

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[21] **2,949,847**
[13] A1
[51] **Int.Cl. G06F 21/62 (2013.01) G06F 21/30 (2013.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SECURE DEPOSIT AND RECOVERY OF SECRET DATA**
[54] **SYSTEME ET PROCEDE PERMETTANT UN DEPOT SECURISE ET UNE RECUPERATION DE DONNEES SECRETES**
[72] QIAN, XIAOYAN, CA
[71] SENGI CORPORATION, CA
[85] 2016-09-02
[86] 2015-03-10 (PCT/CA2015/000149)
[87] (WO2015/135063)
[30] US (61/950,750) 2014-03-10
[30] US (61/954,830) 2014-03-18

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[21] **2,949,852**
[13] A1
[51] **Int.Cl. B27K 3/34 (2006.01) B27K 3/50 (2006.01) C09D 201/06 (2006.01)**
[25] EN
[54] **WOOD TREATMENT FOR DIMENSIONAL STABILIZATION**
[54] **TRAITEMENT DU BOIS POUR STABILISATION DIMENSIONNELLE**
[72] ZHANG, JUN, US
[72] GAO, XINHAO HOWARD, US
[72] HORTON, JOHN, US
[72] ZIOBRO, RICHARD (DECEASED), ZZ
[71] KOPPERS PERFORMANCE CHEMICALS INC., US
[85] 2016-11-21
[86] 2015-07-24 (PCT/US2015/042073)
[87] (WO2016/018765)
[30] US (62/031,379) 2014-07-31

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[21] **2,949,858**
[13] A1
[51] **Int.Cl. A23L 33/185 (2016.01) A23J 3/14 (2006.01) A23L 2/66 (2006.01)**
[25] EN
[54] **POTATO BASED PROTEIN MIXTURES AND NUTRITIONAL COMPOSITIONS COMPRISING POTATO PROTEIN**
[54] **MELANGE DE PROTEINES A BASE DE POMME DE TERRE ET COMPOSITION NUTRITIONNELLE COMPRENANT DES PROTEINES DE POMMES DE TERRE**
[72] BAXTER, JEFFREY, US
[72] BLUMBERG, RACHEL, US
[72] CHAPMAN, TIMOTHY, US
[72] DEWILLE, NORMANELLA, US
[72] LOWE, KELLEY, US
[72] PATEL, GAURAV, US
[72] WEARLY, DOUGLAS, US
[71] ABBOTT LABORATORIES, US
[85] 2016-11-21
[86] 2015-06-03 (PCT/US2015/033961)
[87] (WO2015/187817)
[30] US (62/007,036) 2014-06-03

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[21] **2,949,860**
[13] A1
[51] **Int.Cl. H04N 7/10 (2006.01)**
[25] EN
[54] **METHODS, SYSTEMS, AND COMPUTER-READABLE MEDIA FOR DYNAMIC CONTENT ALLOCATION**
[54] **PROCEDES, SYSTEMES ET SUPPORTS LISIBLES PAR ORDINATEUR POUR L'ATTRIBUTION DE CONTENU DYNAMIQUE**
[72] HABERMAN, SETH, US
[72] BRESS, ROBERT, US
[72] MARCUS, CLAUDIO, US
[72] SOUTHERN, JAMES, US
[71] VISIBLE WORLD, INC., US
[85] 2016-11-21
[86] 2015-06-03 (PCT/US2015/034055)
[87] (WO2015/187869)
[30] US (62/007,061) 2014-06-03
[30] US (62/087,650) 2014-12-04
[30] US (62/089,557) 2014-12-09

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[21] **2,949,861**
[13] A1
[51] **Int.Cl. C02F 1/463 (2006.01) C02F 1/461 (2006.01)**
[25] EN
[54] **ELECTROCHEMICAL LIQUID TREATMENT APPARATUS**
[54] **APPAREIL DE TRAITEMENT DE LIQUIDE ELECTROCHIMIQUE**
[72] CAM, DAVID VICTOR, AU
[72] ELLERS, JOHN FREDERICK, AU
[72] HILL, BROOK DOUGLAS, AU
[71] HYDRUS TECHNOLOGY PTY. LTD., AU
[85] 2016-11-22
[86] 2015-05-22 (PCT/AU2015/050268)
[87] (WO2015/176136)
[30] AU (2014901949) 2014-05-23
[30] AU (2015900125) 2015-01-16
[30] AU (2015901496) 2015-04-27
[30] AU (2015901497) 2015-04-27

[21] **2,949,863**
[13] A1
[51] **Int.Cl. B01D 61/14 (2006.01)**
[25] EN
[54] **CAPILLARY PRESSURE RE-SET MECHANISM AND APPLICATIONS**
[54] **MECANISME DE REINITIALISATION DE PRESSION CAPILLAIRE ET APPLICATIONS**
[72] MCNEELY, MICHAEL RYAN, US
[71] MCNEELY, MICHAEL RYAN, US
[85] 2016-11-21
[86] 2015-06-07 (PCT/US2015/034608)
[87] (WO2015/191406)
[30] US (62/011,661) 2014-06-13

---

[21] **2,949,864**
[13] A1
[51] **Int.Cl. E21B 43/24 (2006.01) E21B 34/06 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS OF STEAM INJECTION OF HYDROCARBON WELLS**
[54] **PROCEDE ET APPAREIL D'INJECTION DE VAPEUR DE PUITS D'HYDROCARBURES**
[72] ARABSKY, SERHIY, CA
[72] ARABSKY, VITALIY, CA
[71] INTERRA ENERGY SERVICES LTD., CA
[85] 2016-11-22
[86] 2015-05-19 (PCT/CA2015/000316)
[87] (WO2015/176158)
[30] US (62/000,798) 2014-05-20

---

[21] **2,949,865**
[13] A1
[51] **Int.Cl. C02F 1/46 (2006.01) B01D 17/06 (2006.01) C02F 9/06 (2006.01)**
[25] EN
[54] **ELECTROCHEMICAL TREATMENT METHODS**
[54] **PROCEDES DE TRAITEMENT ELECTROCHIMIQUE**
[72] CAM, DAVID VICTOR, AU
[72] ELLERS, JOHN FREDERICK, AU
[72] HILL, BROOK DOUGLAS, AU
[71] HYDRUS TECHNOLOGY PTY. LTD., AU
[85] 2016-11-22
[86] 2015-05-22 (PCT/AU2015/050269)
[87] (WO2015/176137)
[30] AU (2014901949) 2014-05-23
[30] AU (2015900125) 2015-01-16
[30] AU (2015901496) 2015-04-27
[30] AU (2015901497) 2015-04-27

---

[21] **2,949,868**
[13] A1
[51] **Int.Cl. A61K 31/785 (2006.01) A61P 7/02 (2006.01)**
[25] EN
[54] **ANTITHROMBOTIC COMPOUNDS, METHODS AND USES THEREOF**
[54] **COMPOSES ANTITHROMBOTIQUES, METHODES ET UTILISATIONS DE CEUX-CI**
[72] KIZHAKKEDATHU, JAYACHANDRAN, CA
[72] MORRISSEY, JAMES H., US
[72] TRAVERS, RICHARD J., US
[72] SHENOI, RAJESH, CA
[72] KALATHOTTUKAREN, MANU THOMAS, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
[85] 2016-11-22
[86] 2015-05-29 (PCT/CA2015/000353)
[87] (WO2015/179958)
[30] US (62/004,866) 2014-05-29

---

[21] **2,949,869**
[13] A1
[51] **Int.Cl. C12P 7/44 (2006.01)**
[25] EN
[54] **ORGANIC ACIDS FROM HOMOCITRATE AND HOMOCITRATE DERIVATIVES**
[54] **ACIDES ORGANIQUES ISSUS DE L'HOMOCITRATE ET DE DERIVES D'HOMOCITRATE**
[72] BAKER, RALPH THOMAS, CA
[72] WHITE, JAMES F., US
[72] MANZER, LEO E., US
[72] NTAIS, SPYRIDON, US
[72] BARANOVA, OLENA, CA
[72] THAPA, INDIRA, US
[72] LAU, MAN KIT, US
[72] HASS, CATHY STALOCH, US
[71] BIOAMBER INC., US
[85] 2016-11-21
[86] 2015-06-10 (PCT/US2015/035178)
[87] (WO2015/191763)
[30] US (62/010,371) 2014-06-10

---

[21] **2,949,870**
[13] A1
[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **SIGNAL TRANSMISSION METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE TRANSMISSION DE SIGNAUX**
[72] MAZZARESE, DAVID, CN
[72] SUN, JINGYUAN, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-11-22
[86] 2014-05-22 (PCT/CN2014/078129)
[87] (WO2015/176276)

---

[21] **2,949,871**
[13] A1
[51] **Int.Cl. G01R 31/34 (2006.01)**
[25] EN
[54] **INTEGRATED HIGH AND LOW VOLTAGE RIDE THROUGH TEST SYSTEM**
[54] **SYSTEME D'ESSAI A ALIMENTATION CONTINUE A TENSION BASSE ET HAUTE INTEGRE**
[72] QIN, SHIYAO, CN
[72] WANG, RUIMING, CN
[72] SUN, YONG, CN
[72] LI, SHAOLIN, CN
[72] CHEN, CHEN, CN
[72] ZHANG, JINPING, CN
[71] CEPRI ZHANGBEI WIND POWER RESEARCH AND TEST CO., LTD., CN
[71] STATE GRID CORPORATION OF CHINA, CN
[71] CHINA ELECTRIC POWER RESEARCH INSTITUTE, CN
[85] 2016-11-22
[86] 2015-05-22 (PCT/CN2015/079593)
[87] (WO2015/176687)
[30] CN (201410222336.2) 2014-05-23

[21] **2,949,873**
[13] A1
[51] **Int.Cl. H04W 16/02 (2009.01) H04W 72/00 (2009.01)**
[25] EN
[54] **SEQUENCE GENERATING METHOD, AND TERMINAL AND BASE STATION FOR TERMINAL FOR SEQUENCE GENERATION TERMINAL AND A BASE STATION FOR SEQUENCE GENERATION**
[54] **PROCEDE, TERMINAL ET STATION DE BASE POUR GENERATION DE SEQUENCES**
[72] SUN, JINGYUAN, CN
[72] XUE, LIXIA, CN
[72] WANG, JIAN, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-11-22
[86] 2014-05-23 (PCT/CN2014/078246)
[87] (WO2015/176301)

---

[21] **2,949,874**
[13] A1
[51] **Int.Cl. B64D 11/00 (2006.01) A47B 46/00 (2006.01)**
[25] EN
[54] **PIVOT BIN ASSEMBLY**
[54] **ENSEMBLE CASIER A PIVOT**
[72] SAVIAN, SCOTT, US
[71] C&D ZODIAC, INC., US
[85] 2016-11-21
[86] 2015-07-10 (PCT/US2015/040038)
[87] (WO2016/007915)
[30] US (62/022,801) 2014-07-10
[30] US (14/622,377) 2015-02-13

---

[21] **2,949,876**
[13] A1
[51] **Int.Cl. G06Q 50/30 (2012.01) G06Q 10/04 (2012.01) G06F 3/14 (2006.01)**
[25] EN
[54] **TRANSPORT ROUTE PLANNING**
[54] **PLANIFICATION D'ITINERAIRE DE TRANSPORT**
[72] MCLEOD, DUNCAN, CA
[71] CAMS SOFTWARE CORPORATION, CA
[85] 2016-11-22
[86] 2014-08-15 (PCT/CA2014/000626)
[87] (WO2016/023094)

---

[21] **2,949,910**
[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/341 (2006.01)**
[25] EN
[54] **MODULATORS OF INTRACELLULAR CHLORIDE CONCENTRATION FOR TREATING NEURODEGENERATIVE DISEASES WITH PARKINSONIAN SYNDROMES**
[54] **MODULATEURS DE CONCENTRATION DE CHLORURE INTRACELLULAIRE POUR LE TRAITEMENT DE MALADIES NEURODEGENERATIVES AVEC DES SYNDROMES PARKINSONIENS**
[72] BEN-ARI, YEHEZKEL, FR
[72] DEHORTER, NATHALIE, FR
[72] DAMIER, PHILIPPE, FR
[72] HAMMOND, CONSTANCE, FR
[71] UNIVERSITE DE NANTES, FR
[71] B & A THERAPEUTICS, FR
[71] CENTRE HOSPITALIER UNIVERSITAIRE DE NANTES, FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[71] UNIVERSITE D'AIX-MARSEILLE, FR
[85] 2016-11-22
[86] 2014-05-28 (PCT/EP2014/061092)
[87] (WO2014/191471)
[30] EP (13170183.1) 2013-05-31

---

[21] **2,949,931**
[13] A1
[51] **Int.Cl. H01L 35/32 (2006.01) H01L 23/38 (2006.01)**
[25] EN
[54] **INTEGRATED, THREE-DIMENSIONAL CELL CONFIGURATION, INTEGRATED COOLING ARRAY AND CELL-BASED INTEGRATED CIRCUIT**
[54] **CONFIGURATION DE CELLULE TRIDIMENSIONNELLE INTEGREE, RESEAU DE REFROIDISSEMENT INTEGRE ET CIRCUIT INTEGRE PRECARACTERISE**
[72] KILIC, HALIL, NL
[71] HAT TEKNOLOJI A.S., TR
[85] 2016-11-22
[86] 2014-06-02 (PCT/EP2014/061335)
[87] (WO2015/185082)

---

[21] **2,949,933**
[13] A1
[51] **Int.Cl. A61K 8/19 (2006.01) A61K 8/31 (2006.01) A61K 8/365 (2006.01) A61K 8/41 (2006.01) A61K 8/43 (2006.01) A61K 8/44 (2006.01) A61K 8/49 (2006.01) A61K 8/92 (2006.01) A61Q 5/08 (2006.01) A61Q 5/10 (2006.01)**
[25] EN
[54] **COSMETIC COMPOSITION FOR LIGHTENING OR DYEING THE HAIR, COMPRISING TWO BASIC AGENTS, AN ACID AND AN OXIDIZING AGENT**
[54] **COMPOSITION COSMETIQUE POUR ECLAIRCIR OU TEINDRE LES CHEVEUX, COMPRENANT DEUX AGENTS BASIQUES, UN ACIDE ET UN OXYDANT**
[72] WAHLER, ARNO, FR
[71] L'OREAL, FR
[85] 2016-11-22
[86] 2014-06-26 (PCT/EP2014/063505)
[87] (WO2014/207097)
[30] FR (1356139) 2013-06-26
[30] FR (1356138) 2013-06-26

---

[21] **2,949,942**
[13] A1
[51] **Int.Cl. G02B 21/00 (2006.01) G02B 21/36 (2006.01)**
[25] EN
[54] **CLINICAL INTRAVITAL MICROSCOPE**
[54] **MICROSCOPE IN VIVO CLINIQUE**
[72] SKITZKI, JOSEPH, US
[71] HEALTH RESEARCH, INC., US
[85] 2016-11-22
[86] 2015-05-05 (PCT/US2015/029242)
[87] (WO2015/171611)
[30] US (61/988,626) 2014-05-05

[21] **2,949,943**
[13] A1
[51] **Int.Cl. C07K 19/00 (2006.01) C07D 249/04 (2006.01)**
[25] EN
[54] **COMPOUNDS COMPRISING SELF-IMMOLATIVE GROUP**
[54] **COMPOSE CONTENANT UN GROUPE AUTO-IMMOLABLE**
[72] KIM, YONG ZU, KR
[72] PARK, TAE KYO, KR
[72] WOO, SUNG HO, KR
[72] KIM, SUN YOUNG, KR
[72] CHO, JONG UN, KR
[72] JUNG, DOO HWAN, KR
[72] YANG, JEON, KR
[72] MIN, JI YOUNG, KR
[72] LEE, HYANG SOOK, KR
[72] PARK, YUN HEE, KR
[72] RYU, JEONG HEE, KR
[72] OH, KYU MAN, KR
[72] OH, YEONG SOO, KR
[72] CHAE, JEIWOOK, KR
[72] SONG, HO YOUNG, KR
[72] CHUNG, CHUL-WOONG, KR
[71] LEGOCHEM BIOSCIENCES, INC., KR
[85] 2016-11-22
[86] 2015-05-27 (PCT/KR2015/005299)
[87] (WO2015/182984)
[30] KR (10-2014-0064360) 2014-05-28
[30] KR (10-2015-0073161) 2015-05-26

---

[21] **2,949,945**
[13] A1
[51] **Int.Cl. B01J 37/20 (2006.01) B01J 31/28 (2006.01)**
[25] EN
[54] **HYDROCARBON PRODUCTS**
[54] **PRODUITS HYDROCARBURES**
[72] LITZ, KYLE E., US
[72] RANKIN, JONATHAN P., US
[71] AUTERRA, INC., US
[71] CENOVUS ENERGY INC., CA
[85] 2016-11-22
[86] 2015-05-19 (PCT/US2015/031461)
[87] (WO2015/179330)
[30] US (14/286,342) 2014-05-23

---

[21] **2,949,947**
[13] A1
[51] **Int.Cl. C07K 1/00 (2006.01) C07K 14/00 (2006.01) C07K 16/00 (2006.01) C07K 17/00 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TARGETING A PATHWAY**
[54] **COMPOSITIONS ET PROCEDES POUR CIBLER UNE VOIE**
[72] CRAWLEY, SUZANNE CHRISTINE, US
[72] HSU, JER-YUAN, US
[72] TIAN, HUI, US
[71] NGM BIOPHARMACEUTICALS, INC., US
[85] 2016-11-22
[86] 2015-05-19 (PCT/US2015/031539)
[87] (WO2015/187359)
[30] US (62/007,795) 2014-06-04

---

[21] **2,949,948**
[13] A1
[51] **Int.Cl. C08J 7/04 (2006.01) B01D 67/00 (2006.01) B01D 69/08 (2006.01) C08F 8/20 (2006.01) C08J 5/22 (2006.01) C08J 7/12 (2006.01)**
[25] EN
[54] **METHODS OF FORMING A POLYMER LAYER ON A POLYMER SURFACE**
[54] **PROCEDES DE FORMATION D'UNE COUCHE DE POLYMERE SUR UNE SURFACE EN POLYMERE**
[72] ALEXANDER, JOSEPH VICTOR, US
[72] GRULKE, ERIC ANDERSON, US
[71] TRIBLUE CORPORATION, US
[85] 2016-11-22
[86] 2014-03-24 (PCT/US2014/031605)
[87] (WO2014/189610)
[30] US (61/826,141) 2013-05-22

---

[21] **2,949,949**
[13] A1
[51] **Int.Cl. C12N 5/02 (2006.01) C12N 5/074 (2010.01) C12N 5/0775 (2010.01) A61K 31/357 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING INDUCED PLURIPOTENCY STEM CELLS FROM MESENCHYMAL STEM CELLS BY USING PHLOROTANNIN FRACTION**
[54] **PROCEDE DE PREPARATION DE CELLULES SOUCHES PLURIPOTENTES INDUITES A PARTIR DE CELLULES SOUCHES MESENCHYMATEUSES FAISANT APPEL A UNE FRACTION PHLOROTANNINE**
[72] LEE, SANG YEON, KR
[72] JUNG, WON JU, KR
[72] KIM, HO BIN, KR
[72] OH, MIN SUN, KR
[72] LEE, KYE HO, KR
[71] BBHC, KR
[85] 2016-11-22
[86] 2015-05-22 (PCT/KR2015/005183)
[87] (WO2015/178728)
[30] KR (10-2014-0062526) 2014-05-23
[30] KR (10-2015-0071240) 2015-05-21

---

[21] **2,949,950**
[13] A1
[51] **Int.Cl. E04B 2/58 (2006.01)**
[25] EN
[54] **REINFORCED BUILDING WALL**
[54] **MUR DE BATIMENT RENFORCE**
[72] ESPINOSA, THOMAS M., US
[71] ESPINOSA, THOMAS M., US
[85] 2016-11-22
[86] 2014-05-21 (PCT/US2014/038967)
[87] (WO2014/190054)
[30] US (61/826,839) 2013-05-23

[21] **2,949,953**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 30/08 (2012.01)**
[25] EN
[54] **CALCULATING BIDS FOR ADVERTISEMENTS BASED ON CONVERSION VALUE**
[54] **CALCUL D'ENCHERES POUR DES PUBLICITES SUR LA BASE D'UNE VALEUR DE CONVERSION**
[72] YANG, JUN, US
[72] SIM, RICHARD BILL, US
[72] SHAY, EITAN, US
[71] FACEBOOK, INC., US
[85] 2016-11-22
[86] 2014-06-02 (PCT/US2014/040547)
[87] (WO2015/183325)
[30] US (14/292,659) 2014-05-30

---

[21] **2,949,954**
[13] A1
[51] **Int.Cl. A61K 9/127 (2006.01) A61K 31/4164 (2006.01) A61K 31/498 (2006.01) A61K 31/542 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **TOPICAL FORMULATIONS AND USES THEREOF**
[54] **FORMULATIONS TOPIQUES ET LEURS UTILISATIONS**
[72] WEISS, SIDNEY L., US
[71] OCULAR TECHNOLOGIES SARL, CH
[85] 2016-11-22
[86] 2015-05-20 (PCT/US2015/031788)
[87] (WO2015/179527)
[30] US (62/002,682) 2014-05-23

---

[21] **2,949,956**
[13] A1
[51] **Int.Cl. A61F 9/008 (2006.01)**
[25] EN
[54] **APPARATUS FOR RETINA PHOTOTHERAPY**
[54] **APPAREIL POUR PHOTOTHERAPIE RETINIENNE**
[72] LUTTRULL, JEFFREY K., US
[72] MARGOLIS, BENJAMIN, US
[71] OJAI RETINAL TECHNOLOGY, LLC, US
[85] 2016-11-22
[86] 2015-05-20 (PCT/US2015/031810)
[87] (WO2016/010627)
[30] US (14/332,674) 2014-07-16

---

[21] **2,949,957**
[13] A1
[51] **Int.Cl. A61K 31/421 (2006.01) A61K 31/185 (2006.01) A61K 31/192 (2006.01) A61K 31/4439 (2006.01) A61P 15/00 (2006.01)**
[25] EN
[54] **PPAR GAMMA MODULATORS FOR TREATING CYSTIC DISEASES**
[54] **MODULATEURS DE PPAR GAMMA POUR LE TRAITEMENT DE MALADIES KYSTIQUES**
[72] BLAZER-YOST, BONNIE, US
[71] INDIANA UNIVERSITY RESEARCH & TECHNOLOGY CORPORATION, US
[85] 2016-11-22
[86] 2014-06-06 (PCT/US2014/041337)
[87] (WO2014/197820)
[30] US (61/832,255) 2013-06-07
[30] RU (2013126422) 2013-06-07

---

[21] **2,949,959**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **GENE EXPRESSION PROFILES ASSOCIATED WITH SUB-CLINICAL KIDNEY TRANSPLANT REJECTION**
[54] **PROFILS D'EXPRESSION GENIQUE ASSOCIES AU REJET DE GREFFE DU REIN SUBCLINIQUE**
[72] SALOMON, DANIEL, US
[72] FRIEDEWALD, JOHN, US
[72] KURIAN, SUNIL, US
[72] ABECASSIS, MICHAEL, US
[72] HEAD, STEVEN, US
[72] ORDOUKHANIAN, PHILLIP TODD, US
[71] NORTHWESTERN UNIVERSITY, US
[71] THE SCRIPPS RESEARCH INSTITUTE, US
[85] 2016-11-22
[86] 2015-05-22 (PCT/US2015/032202)
[87] (WO2015/179777)
[30] US (62/001,902) 2014-05-22
[30] US (62/001,909) 2014-05-22
[30] US (62/001,889) 2014-05-22
[30] US (62/029,038) 2014-07-25
[30] US (14/481,167) 2014-09-09
[30] US (PCT/US2014/054735) 2014-09-09

---

[21] **2,949,960**
[13] A1
[51] **Int.Cl. F16L 55/11 (2006.01)**
[25] EN
[54] **CONNECTOR ASSEMBLY USABLE AS A CLOSURE AND TO ESTABLISH A FLUID CONNECTION**
[54] **ENSEMBLE RACCORD UTILISABLE COMME UNE FERMETURE ET POUR ETABLIR UN RACCORDEMENT DE FLUIDE**
[72] SMITH, BLAKE EVERETT, US
[72] HALL, HAROLD WAYNE, US
[71] CHROMATIC INDUSTRIES, INC., US
[85] 2016-11-22
[86] 2014-08-08 (PCT/US2014/050377)
[87] (WO2015/021401)
[30] US (13/962,425) 2013-08-08

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[21] **2,949,962**
[13] A1
[51] **Int.Cl. A61B 18/18 (2006.01) A61B 18/24 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR TREATING PELVIC CONDITIONS**
[54] **METHODES ET DISPOSITIFS DE TRAITEMENT DE TROUBLES PELVIENS**
[72] HLAVKA, EDWIN J., US
[72] RESSEMANN, THOMAS V., US
[72] WHITBROOK, ERIC, US
[72] KNUDSON, JOHN CHRISTIAN, US
[71] AMPHORA MEDICAL, INC., US
[85] 2016-11-22
[86] 2015-05-22 (PCT/US2015/032298)
[87] (WO2015/179837)
[30] US (62/002,742) 2014-05-23

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[21] **2,949,966**
[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A01N 43/54 (2006.01) C07D 403/00 (2006.01)**
[25] EN
[54] **TREATMENT OF AUTOIMMUNE DISEASE**
[54] **TRAITEMENT D'UNE MALADIE AUTO-IMMUNE**
[72] NIESMAN, MICHAEL, US
[72] ZHANG, KAI, US
[71] MINGSIGHT PHARMACEUTICALS, INC., US
[85] 2016-11-22
[86] 2015-05-22 (PCT/US2015/032315)
[87] (WO2015/179847)
[30] US (62/002,724) 2014-05-23

[21] **2,949,968**
[13] A1
[51] **Int.Cl. A61B 17/3205 (2006.01) A61B 17/32 (2006.01)**
[25] EN
[54] **TISSUE RESECTORS WITH CUTTING WIRES, HAND-OPERATED TISSUE RESECTOR SYSTEMS AND ASSOCIATED METHODS**
[54] **DISPOSITIFS DE RESECTION DE TISSU AYANT DES FILS DE COUPE, SYSTEMES DE RESECTION DE TISSU A ACTIONNEMENT MANUEL, ET PROCEDES ASSOCIES**
[72] FOJTIK, SHAWN P., US
[72] MCCLELLAN, ANNETTE, US
[72] NIEMAN, TIMOTHY R., US
[72] LIDDIARD, ERIK S., US
[71] DISTAL ACCESS, LLC, US
[85] 2016-11-22
[86] 2015-04-28 (PCT/US2015/028084)
[87] (WO2015/168179)
[30] US (61/985,283) 2014-04-28

---

[21] **2,949,969**
[13] A1
[51] **Int.Cl. A45D 19/02 (2006.01)**
[25] EN
[54] **HAIR COLORING VARIEGATION DEVICE AND METHOD OF USE**
[54] **DISPOSITIF DE COLORATION CAPILLAIRE DE COULEURS DIFFERENTES ET PROCEDE D'UTILISATION**
[72] ELLIOTT, FRANKLIN, US
[71] EB TECHNOLOGIES, LLC, US
[85] 2016-11-22
[86] 2015-05-26 (PCT/US2015/032383)
[87] (WO2015/179856)
[30] US (62/002,313) 2014-05-23
[30] US (62/112,735) 2015-02-06

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[21] **2,949,973**
[13] A1
[51] **Int.Cl. C10G 27/04 (2006.01) C10G 29/22 (2006.01) C10G 53/14 (2006.01)**
[25] EN
[54] **METHODS FOR UPGRADING OF CONTAMINATED HYDROCARBON STREAMS**
[54] **PROCEDES DE VALORISATION DE FLUX D'HYDROCARBURES CONTAMINES**
[72] LITZ, KYLE E., US
[72] VREELAND, JENNIFER, US
[72] RANKIN, JONATHAN P., US
[72] ROSSETTI, MARK N., US
[72] JORDAN, TRACEY M., US
[72] MCCASKILL, TRENT A., US
[72] SHIPLEY, ERICA H., US
[72] CLICKNER, SARAH M., US
[71] AUTERRA, INC., US
[71] CENOVUS ENERGY INC, CA
[85] 2016-11-22
[86] 2015-05-26 (PCT/US2015/032417)
[87] (WO2015/183802)
[30] US (14/287,916) 2014-05-27

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[21] **2,949,975**
[13] A1
[51] **Int.Cl. C10G 31/10 (2006.01)**
[25] EN
[54] **CONFIGURATIONS AND METHODS OF DEWATERING CRUDE OIL**
[54] **CONFIGURATIONS ET PROCEDES DE DESHYDRATATION DE PETROLE BRUT**
[72] RODWELL, MORGAN CHARLES, CA
[71] FLUOR TECHNOLOGIES CORPORATION, US
[85] 2016-11-22
[86] 2015-06-01 (PCT/US2015/033620)
[87] (WO2015/184464)
[30] US (62/005,164) 2014-05-30

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[21] **2,949,976**
[13] A1
[51] **Int.Cl. E06B 3/67 (2006.01) E06B 3/667 (2006.01) E06B 3/677 (2006.01)**
[25] EN
[54] **INDOW FRAME SYSTEM FOR VACUUM INSULATED GLASS UNIT**
[54] **SYSTEME DE CHASSIS DE FENETRE POUR UNITE DE VITRAGE ISOLANT SOUS VIDE**
[72] THOMPSON, ROBERT D., US
[72] ANDERSON, CHARLES L., US
[72] MITCHELL, JOHN M., US
[72] FLYNN, NIGEL J., US
[72] MACDONALD, KUNAL D., US
[72] ROWLEY, DAVID SCOTT, US
[72] STAMM, EDWARD L., JR., US
[71] GUARDIAN INDUSTRIES CORP., US
[85] 2016-11-22
[86] 2015-05-27 (PCT/US2015/032532)
[87] (WO2015/183863)
[30] US (62/003,158) 2014-05-27
[30] US (14/717,318) 2015-05-20

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[21] **2,949,979**
[13] A1
[51] **Int.Cl. F41H 11/00 (2006.01) F41H 13/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **DEFENSE AND DENIAL METHOD**
[54] **PROCEDE DE DEFENSE ET DE REFUS**
[72] BUTLER, CHARLES LANKFORD, JR., US
[72] SMITH, SAMUEL MCARTHUR, US
[72] KIMBALL, VONTELLA KAY, US
[71] THE SECURITY ORACLE, INC, US
[85] 2016-11-22
[86] 2015-06-03 (PCT/US2015/033878)
[87] (WO2015/187768)
[30] US (62/006,976) 2014-06-03
[30] US (62/130,367) 2015-03-09

[21] **2,949,983**
[13] A1
[51] **Int.Cl. E04B 2/16 (2006.01)**
[25] EN
[54] **REFORMER FLUE GAS TUNNEL AND REFRACTORY COMPONENTS THEREFOR**
[54] **TUNNEL A GAZ DE COMBUSTION REFORMEUR ET COMPOSANTS REFRACTAIRES ASSOCIES**
[72] RUSSELL, WILLIAM P., US
[72] QUINTILIANI, JOSEPH D., US
[72] BOLEBRUCH, JEFFREY J., US
[71] BLASCH PRECISION CERAMICS, INC., US
[85] 2016-11-22
[86] 2015-06-05 (PCT/US2015/034330)
[87] (WO2015/188030)
[30] US (62/008,767) 2014-06-06
[30] US (62/023,409) 2014-07-11
[30] US (62/056,907) 2014-09-29

---

[21] **2,949,985**
[13] A1
[51] **Int.Cl. A61K 38/06 (2006.01) A61K 38/00 (2006.01) A61K 38/07 (2006.01) C07K 2/00 (2006.01) C07K 4/00 (2006.01) C07K 5/00 (2006.01) C07K 7/00 (2006.01)**
[25] EN
[54] **MODULATION OF COMPLEMENT ACTIVITY**
[54] **MODULATION D'ACTIVITE DU COMPLEMENT**
[72] ARATA, MICHELLE DENISE, US
[72] DHAMNASKAR, KETKI ASHOK, US
[72] ELBAUM, DANIEL, US
[72] JOSEPHSON, KRISTOPHER, US
[72] LARSON, KELLEY CRONIN, US
[72] MA, ZHONG, US
[72] NIMS, NATHAN EZEKIEL, US
[72] RICARDO, ALONSO, US
[72] SEYB, KATHLEEN, US
[72] TANG, GUO-QING, US
[72] TRECO, DOUGLAS A., US
[72] WANG, ZHAOLIN, US
[72] YE, PING, US
[72] ZHENG, HONG, US
[72] PERLMUTTER, SARAH JACQUELINE, US
[71] RA PHARMACEUTICALS, INC., US
[85] 2016-11-22
[86] 2015-06-12 (PCT/US2015/035473)
[87] (WO2015/191951)
[30] US (62/011,368) 2014-06-12
[30] US (62/077,460) 2014-11-10
[30] US (62/108,772) 2015-01-28

---

[21] **2,949,987**
[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01) A61M 1/36 (2006.01) A61M 25/18 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETECTING VASCULAR ACCESS DISCONNECTION**
[54] **SYSTEMES ET PROCEDES DE DETECTION DE DECONNEXION D'ACCES VASCULAIRE**
[72] VAN DER MERWE, DIRK A., US
[72] NORRIS, MICHAEL G., US
[72] BAKER, MICHAEL A., US
[72] BALLANTYNE, TODD A., US
[72] WILT, MICHAEL J., US
[71] DEKA PRODUCTS LIMITED PARTNERSHIP, US
[85] 2016-11-22
[86] 2015-05-27 (PCT/US2015/032702)
[87] (WO2015/183976)
[30] US (62/003,346) 2014-05-27
[30] US (62/121,980) 2015-02-27

---

[21] **2,949,988**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) A01K 67/027 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR MODULATING NEURONAL DEGENERATION**
[54] **COMPOSITIONS ET PROCEDES DE MODULATION DE LA DEGENERESCENCE NEURONALE**
[72] KIAEI, MAHMOUD, US
[71] BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS, US
[85] 2016-11-22
[86] 2015-06-19 (PCT/US2015/036755)
[87] (WO2015/196114)
[30] US (62/014,306) 2014-06-19

---

[21] **2,949,994**
[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/29 (2006.01)**
[25] EN
[54] **PURIFIED COMPOSITIONS OF IVIG AND KH PROTEINS FOR MODULATING LYMPHOCYTES AND TREATING HEPATITIS B VIRUS**
[54] **COMPOSITIONS PURIFIEES DE PROTEINES IVIG ET KH POUR LA MODULATION DES LYMPHOCYTES ET LE TRAITEMENT CONTRE LE VIRUS DE L'HEPATITE B**
[72] HOANG, KIEU, US
[71] RARE ANTIBODY ANTIGEN SUPPLY, INC., US
[85] 2016-11-22
[86] 2015-05-28 (PCT/US2015/032807)
[87] (WO2015/184050)
[30] US (62/003,664) 2014-05-28

---

[21] **2,949,995**
[13] A1
[51] **Int.Cl. A61K 9/50 (2006.01)**
[25] EN
[54] **SOLVENT EXTRACTION FROM BIODEGRADABLE MICROPARTICLES**
[54] **EXTRACTION DE SOLVANT A PARTIR DE MICROPARTICULES BIODEGRADABLES**
[72] SEBRING, GREG BRYDEN, US
[71] ANTRIABIO, INC., US
[85] 2016-11-22
[86] 2015-07-07 (PCT/US2015/039316)
[87] (WO2016/007468)
[30] US (14/324,734) 2014-07-07

---

[21] **2,949,997**
[13] A1
[51] **Int.Cl. A61C 17/00 (2006.01) A61C 17/14 (2006.01) A61C 19/00 (2006.01)**
[25] EN
[54] **INTRAORAL DEVICE AND METHOD OF USE**
[54] **DISPOSITIF INTRA-BUCCAL ET METHODE D'UTILISATION**
[72] HIRSCH, JAMES A., US
[71] INNERLITE, INC., US
[85] 2016-11-22
[86] 2015-05-22 (PCT/US2015/032219)
[87] (WO2015/179785)
[30] US (14/285,248) 2014-05-22

[21] **2,949,999**
[13] A1
[51] **Int.Cl. B66F 9/18 (2006.01)**
[25] EN
[54] **PIVOTING LOAD-BEARING ASSEMBLY WITH FORCE SENSOR**
[54] **ENSEMBLE PORTEUR DE CHARGE PIVOTANT DOTE D'UN CAPTEUR DE CHARGE**
[72] WHITE, BRIAN SINCLAIR, US
[72] RONCARI, DAVIDE, US
[71] CASCADE CORPORATION, US
[85] 2016-11-22
[86] 2015-10-26 (PCT/US2015/057386)
[87] (WO2016/069481)
[30] US (14/528,948) 2014-10-30

---

[21] **2,950,001**
[13] A1
[51] **Int.Cl. F17C 3/02 (2006.01)**
[25] EN
[54] **BRACKETED SUPPORT FOR A DOUBLE WALLED CRYOGENIC STORAGE VESSEL**
[54] **SUPPORT EN EQUERRE POUR UN RECIPIENT DE STOCKAGE CRYOGENIQUE A DEUX PAROIS**
[72] STRANGE, MARTIN A., CA
[72] GIRARD, BRIAN, CA
[71] WESTPORT POWER INC., CA
[85] 2016-11-23
[86] 2015-05-13 (PCT/CA2015/050433)
[87] (WO2015/176177)
[30] CA (2,852,451) 2014-05-23

---

[21] **2,950,002**
[13] A1
[51] **Int.Cl. F03B 11/06 (2006.01) F03B 3/00 (2006.01) F03B 3/12 (2006.01) F16C 17/14 (2006.01) F16C 32/04 (2006.01) F16C 33/06 (2006.01) F16C 33/18 (2006.01) H02K 21/00 (2006.01)**
[25] EN
[54] **HYDROELECTRIC TURBINES, ANCHORING STRUCTURES, AND RELATED METHODS OF ASSEMBLY**
[54] **TURBINES HYDROELECTRIQUES, STRUCTURES D'ANCRAGE, ET PROCEDES D'ASSEMBLAGE ASSOCIES**
[72] POWER, DANIEL E., US
[72] HANSEN, NED, US
[71] OCEANA ENERGY COMPANY, US
[85] 2016-11-22
[86] 2015-05-28 (PCT/US2015/032948)
[87] (WO2015/184122)
[30] US (62/005,614) 2014-05-30
[30] US (62/005,681) 2014-05-30

---

[21] **2,950,003**
[13] A1
[51] **Int.Cl. C11D 3/37 (2006.01)**
[25] EN
[54] **POLYMERS FOR INDUSTRIAL LAUNDRY DETERGENTS**
[54] **POLYMERES POUR DETERGENTS DE BLANCHISSAGE INDUSTRIEL**
[72] FAST, JONATHAN P., US
[71] ECOLAB USA INC., US
[85] 2016-11-22
[86] 2015-08-03 (PCT/US2015/043387)
[87] (WO2016/025206)
[30] US (14/459,420) 2014-08-14

---

[21] **2,950,004**
[13] A1
[51] **Int.Cl. C22B 3/10 (2006.01) C25C 3/06 (2006.01) C22B 21/02 (2006.01)**
[25] EN
[54] **PROCESS FOR PURE ALUMINUM PRODUCTION FROM ALUMINUM-BEARING MATERIALS**
[54] **PROCEDE DE PRODUCTION D'ALUMINIUM PUR A PARTIR DE MATERIAUX RENFERMANT DE L'ALUMINIUM**
[72] FOURNIER, JOEL, CA
[71] PROCEDE ETHANOL VERT TECHNOLOGIE, CA
[85] 2016-11-23
[86] 2015-05-26 (PCT/CA2015/050475)
[87] (WO2015/179973)
[30] US (62/002,986) 2014-05-26

---

[21] **2,950,005**
[13] A1
[51] **Int.Cl. H02S 40/22 (2014.01) F24J 2/06 (2006.01) F24J 2/42 (2006.01) G02B 17/00 (2006.01)**
[25] EN
[54] **MULTI-UNIT SPACE-EFFICIENT LIGHT-CONCENTRATING LENS ASSEMBLY**
[54] **ENSEMBLE LENTILLE DE CONCENTRATION DE LUMIERE EFFICACE EN ESPACE ET A UNITES MULTIPLES**
[72] DELSAUT, JAMES, CA
[72] LEDUC, GILLES, CA
[72] LEDUC, KELSEY, CA
[72] AMJAD, MALIK, US
[71] 1930106 ONTARIO LIMITED, CA
[85] 2016-11-23
[86] 2015-05-28 (PCT/CA2015/050486)
[87] (WO2015/179981)
[30] US (62/004,537) 2014-05-29

---

[21] **2,950,006**
[13] A1
[51] **Int.Cl. C04B 16/06 (2006.01) B28C 5/40 (2006.01) C04B 18/20 (2006.01)**
[25] EN
[54] **FIBER REINFORCED CONCRETE**
[54] **BETON DE FIBRES**
[72] BANTHIA, NEMKUMAR, CA
[71] ATLANTIS HOLDINGS LTD., CA
[85] 2016-11-23
[86] 2015-05-25 (PCT/CA2015/050472)
[87] (WO2015/176187)
[30] US (62/002,777) 2014-05-23

[21] **2,950,008**
[13] A1
[51] **Int.Cl. C07K 16/18 (2006.01)**
[25] EN
[54] **TRI-SPECIFIC BINDING MOLECULES AND METHODS OF USE THEREOF**
[54] **MOLECULES DE LIAISON TRISPECIFIQUES ET LEURS PROCEDES D'UTILISATION**
[72] JOHNSON, LESLIE S., US
[72] HUANG, LING, US
[72] CHICHILI, GURUNADH REDDY, US
[72] SHAH, KALPANA, US
[72] LAM, CHIA-YING KAO, US
[72] BURKE, STEPHEN JAMES, US
[72] LIU, LIQIN, US
[72] MOORE, PAUL A., US
[72] BONVINI, EZIO, US
[72] BARAT, BHASWATI, US
[71] MACROGENICS, INC., US
[85] 2016-11-22
[86] 2015-05-29 (PCT/US2015/033076)
[87] (WO2015/184203)
[30] US (62/004,571) 2014-05-29
[30] US (62/008,229) 2014-06-05
[30] US (62/107,824) 2015-01-26

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[21] **2,950,013**
[13] A1
[51] **Int.Cl. A63H 17/00 (2006.01)**
[25] EN
[54] **DOUBLE-SIDED TOY VEHICLE**
[54] **VOITURE-JOUET A DOUBLE FACE**
[72] CAI, DONGQING, CN
[71] ALPHA GROUP CO., LTD., CN
[71] GUANGDONG AULDEY ANIMATION & TOY CO., LTD., CN
[71] GUANGZHOU ALPHA CULTURE COMMUNICATIONS CO., LTD., CN
[85] 2016-11-23
[86] 2015-06-30 (PCT/CN2015/082915)
[87] (WO2016/050105)
[30] CN (201410517511.0) 2014-09-30

---

[21] **2,950,024**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MANAGING COMPLIANCE WITH ONE OR MORE MINIMUM ADVERTISED PRICING POLICIES**
[54] **SYSTEMES ET PROCEDES DE GESTION DE CONFORMITE AVEC UNE OU PLUSIEURS POLITIQUES DE FIXATION DE PRIX ANNONCE MINIMUM**
[72] VIERRA, ANTHONY, US
[71] VIESOFT, INC., US
[85] 2016-11-22
[86] 2015-06-01 (PCT/US2015/033544)
[87] (WO2015/187562)
[30] US (62/006,233) 2014-06-01
[30] US (14/477,108) 2014-09-04

---

[21] **2,950,026**
[13] A1
[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/20 (2006.01)**
[25] EN
[54] **INJECTION DEVICE**
[54] **DISPOSITIF D'INJECTION**
[72] PERTHU, MICHAEL, DK
[71] UNION MEDICO APS, DK
[85] 2016-11-23
[86] 2014-07-30 (PCT/DK2014/000040)
[87] (WO2015/014363)
[30] DK (PA 2013 70426) 2013-08-02
[30] DK (PA 2013 70427) 2013-08-02
[30] DK (PA 2013 70428) 2013-08-02
[30] DK (PA 2013 70429) 2013-08-02
[30] DK (PA 2013 70625) 2013-10-28

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[21] **2,950,027**
[13] A1
[51] **Int.Cl. A47L 9/00 (2006.01) A47L 11/00 (2006.01) E05D 7/10 (2006.01) H01F 7/00 (2006.01)**
[25] EN
[54] **A CLEANING MACHINE, SUCH AS A VACUUM CLEANER COMPRISING A HOUSING, AND A HINGEABLE ELEMENT BEING DETACHABLY ATTACHABLE THERETO**
[54] **MACHINE DE NETTOYAGE TELLE QU'UN ASPIRATEUR COMPRENANT UN BOITIER ET ELEMENT POUVANT ETRE RELIE PAR CHARNIERE ET A FIXATION AMOVIBLE A CETTE DERNIERE**
[72] KJAERGAARD, CHRISTIAN THORUP, DK
[71] NILFISK A/S, DK
[85] 2016-11-23
[86] 2015-03-23 (PCT/DK2015/050062)
[87] (WO2015/176727)
[30] DK (PA 2014 70297) 2014-05-22

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[21] **2,950,035**
[13] A1
[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/18 (2006.01) B01D 53/52 (2006.01) B01D 53/54 (2006.01)**
[25] EN
[54] **AQUA-CATALYSED CHALKED LIME SCRUBBING PROCESSES AND SYSTEMS**
[54] **PROCEDES ET SYSTEMES D'EPURATION A LA CHAUX ENDUITE DE CRAIE CATALYSEE PAR L'EAU**
[72] MALTAIS, JEAN-NICOLAS, CA
[72] LECLERC, SIMON, CA
[72] GAUDREAULT, CYRIL, CA
[71] RIO TINTO ALCAN INTERNATIONAL LIMITED, CA
[85] 2016-11-23
[86] 2015-06-02 (PCT/CA2015/050508)
[87] (WO2015/184543)
[30] US (62/006,387) 2014-06-02

[21] **2,950,040**
[13] A1
[51] **Int.Cl. C09D 5/00 (2006.01) A01N 25/34 (2006.01) A61K 8/02 (2006.01) A61Q 13/00 (2006.01) B41M 3/00 (2006.01)**
[25] EN
[54] **MASS CONTAINING FUNCTIONAL COMPOUND AND VISCOSITY REGULATOR**
[54] **MASSE CONTENANT UN COMPOSE FONCTIONNEL ET UN REGULATEUR DE VISCOSITE**
[72] JARVENPAA, JANNE, FI
[71] OPES CORPORATION OY, FI
[85] 2016-11-23
[86] 2014-06-06 (PCT/FI2014/050457)
[87] (WO2015/185790)

---

[21] **2,950,048**
[13] A1
[51] **Int.Cl. G06F 3/00 (2006.01) G06K 9/00 (2006.01)**
[25] EN
[54] **GESTURE BASED HUMAN MACHINE INTERFACE USING MARKER**
[54] **INTERFACE HOMME-MACHINE BASEE SUR DES GESTES UTILISANT UN REPERE**
[72] TYAGI, VIPIN, IN
[72] B, SRIDHARAN, IN
[72] DUTTA, PALLAB, IN
[72] GADGE, MAHESHKUMAR YADAVRAO, IN
[72] BABU, GIRI, IN
[71] CENTRE FOR DEVELOPMENT OF TELEMATICS, IN
[85] 2016-11-23
[86] 2015-05-20 (PCT/IB2015/053708)
[87] (WO2015/181685)
[30] IN (2579/CHE/2014) 2014-05-24

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[21] **2,950,058**
[13] A1
[51] **Int.Cl. D21C 9/00 (2006.01) B32B 29/00 (2006.01) D21H 11/00 (2006.01) D21H 27/30 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING AT LEAST ONE PLY OF A PAPER OR PAPERBOARD PRODUCT AND A PAPER OR PAPERBOARD PRODUCT**
[54] **PROCEDE DE FABRICATION D'AU MOINS UNE COUCHE D'UN PRODUIT DE PAPIER OU CARTON ET PRODUIT DE PAPIER OU CARTON**
[72] RASANEN, JARI, FI
[72] PYNNONEN, JANNE, FI
[71] STORA ENSO OYJ, FI
[85] 2016-11-23
[86] 2015-06-11 (PCT/IB2015/054427)
[87] (WO2015/189800)
[30] SE (1450734-7) 2014-06-13

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[21] **2,950,061**
[13] A1
[51] **Int.Cl. B29C 45/16 (2006.01) B29C 45/56 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING RESIN MOLDED PRODUCT, MOLD FOR INJECTION MOLDING, INJECTION MOLDING MACHINE AND RESIN MOLDED PRODUCT**
[54] **PROCEDE DE PRODUCTION DE MOULAGE DE RESINE, MATRICE DE MOULAGE PAR INJECTION, MACHINE DE MOULAGE PAR INJECTION ET MOULAGE DE RESINE**
[72] OKAMOTO, AKIO, JP
[71] UBE MACHINERY CORPORATION, LTD., JP
[85] 2016-11-23
[86] 2015-01-13 (PCT/JP2015/050688)
[87] (WO2015/182162)
[30] JP (2014-111996) 2014-05-30
[30] JP (2014-111997) 2014-05-30

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[21] **2,950,063**
[13] A1
[51] **Int.Cl. F16L 3/00 (2006.01)**
[25] EN
[54] **PIPE RESTRAINT**
[54] **DISPOSITIF DE RETENUE DE TUYAU**
[72] DWORAK, DALLAS MARTIN, JR., US
[72] SCHMIDT, TROY WILLIAM, US
[72] VON GNATENSKY, GEORGE BENEDICT, US
[72] TOSUNIAN, MICHAEL, US
[71] COOPER TECHNOLOGIES COMPANY, US
[85] 2016-11-23
[86] 2015-07-10 (PCT/IB2015/055238)
[87] (WO2016/005956)
[30] US (62/023,769) 2014-07-11

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[21] **2,950,065**
[13] A1
[51] **Int.Cl. A01K 1/015 (2006.01)**
[25] EN
[54] **EXCRETA TREATMENT MATERIAL**
[54] **MATERIAU DE TRAITEMENT D'EXCREMENTS**
[72] TAKAGI, CHIYO, JP
[72] KANEKO, SHINYA, JP
[72] IKEGAMI, TAKESHI, JP
[71] UNICHARM CORPORATION, JP
[85] 2016-11-23
[86] 2015-01-22 (PCT/JP2015/051684)
[87] (WO2015/182164)
[30] JP (2014-113541) 2014-05-30

[21] **2,950,068**
[13] A1
[51] **Int.Cl. C22C 38/00 (2006.01) C21D 9/46 (2006.01) C22C 38/12 (2006.01) C22C 38/14 (2006.01)**
[25] EN
[54] **STEEL SHEET FOR CANS AND MANUFACTURING METHOD THEREOF**
[54] **FEUILLE D'ACIER POUR BOITES METALLIQUES ET PROCEDE DE FABRICATION ASSOCIE**
[72] TANAKA, TAKUMI, JP
[72] NAKAGAWA, YUSUKE, JP
[72] TADA, MASAKI, JP
[72] KOJIMA, KATSUMI, JP
[72] NAKAMARU, HIROKI, JP
[72] STEIN-FECHNER, KATHLEEN, DE
[72] KAUP, BURKHARD, DE
[71] JFE STEEL CORPORATION, JP
[71] THYSSENKRUPP RASSELSTEIN GMBH, DE
[85] 2016-11-23
[86] 2015-05-11 (PCT/JP2015/063460)
[87] (WO2015/182360)
[30] JP (2014-112883) 2014-05-30

[21] **2,950,069**
[13] A1
[51] **Int.Cl. C12N 15/00 (2006.01) A01H 5/00 (2006.01) C12N 9/04 (2006.01) C12N 15/09 (2006.01) C12P 5/02 (2006.01) C12P 7/40 (2006.01)**
[25] EN
[54] **MUTEIN, METHOD FOR PRODUCING SAID MUTEIN, GENE ENCODING SAID MUTEIN, RECOMBINANT VECTOR AND PLANT BEARING SAID GENE, METHOD FOR CONTROLLING AMOUNT OF MEVALONIC ACID PRODUCED AND AMOUNT OF ISOPRENOID PRODUCED, METHOD FOR CONTROLLING 3-HYDRO[illegible]-3-METHYLGLUTARYL-COA REDUCTASE ACTIVITY**
[54] **MUTEINE, PROCEDE PERMETTANT DE PRODUIRE LADITE MUTEINE, GENE CODANT POUR LADITE MUTEINE, VECTEUR RECOMBINANT ET PLANTE PORTANT LEDIT GENE, PROCEDE DE REGULATION D'UNE QUANTITE D'ACIDE MEVALONIQUE PRODUITE ET D'UNE QUANTITE D'ISOPRENOIDE PRODUIT, PROCEDE PERMETTANT DE REGULER L'ACTIVITE 3-HYDROXY-3-METHYLGLUTARYL-COA REDUCTASE**
[72] SUZUKI, KEIKO, JP
[72] JEKSON, ROBERTLEE, JP
[72] MURANAKA, TOSHIYA, JP
[72] TAKAGI, KEIJI, JP
[72] INOUE, YUKINO, JP
[72] FUSHIHARA, KAZUHISA, JP
[71] OSAKA UNIVERSITY, JP
[71] SUMITOMO RUBBER INDUSTRIES, LTD., JP
[85] 2016-11-23
[86] 2015-05-22 (PCT/JP2015/064821)
[87] (WO2015/178493)
[30] JP (2014-107508) 2014-05-23

[21] **2,950,071**
[13] A1
[51] **Int.Cl. A45D 33/34 (2006.01)**
[25] EN
[54] **COSMETIC COMPOSITION APPLICATOR INCLUDING IMPERMEABLE SHEET**
[54] **APPLICATEUR DE COMPOSITION COSMETIQUE COMPRENANT UNE FEUILLE IMPERMEABLE**
[72] CHOI, JUNG SUN, KR
[72] CHOI, KYUNG HO, KR
[71] AMOREPACIFIC CORPORATION, KR
[85] 2016-11-23
[86] 2015-06-01 (PCT/KR2015/005477)
[87] (WO2015/183055)
[30] KR (10-2014-0066106) 2014-05-30
[30] KR (10-2015-0077259) 2015-06-01

[21] **2,950,072**
[13] A1
[51] **Int.Cl. C07D 207/16 (2006.01) A61K 31/454 (2006.01) A61K 31/4545 (2006.01) A61K 31/496 (2006.01) A61K 31/501 (2006.01) A61K 31/506 (2006.01) A61K 31/5377 (2006.01) A61P 1/04 (2006.01) A61P 1/16 (2006.01) A61P 7/00 (2006.01) A61P 9/00 (2006.01) A61P 9/10 (2006.01) A61P 13/12 (2006.01) A61P 17/00 (2006.01) A61P 17/06 (2006.01) A61P 19/02 (2006.01) A61P 19/04 (2006.01) A61P 19/06 (2006.01) A61P 25/00 (2006.01) A61P 27/02 (2006.01) A61P 29/00 (2006.01) A61P 31/04 (2006.01) A61P 31/18 (2006.01) A61P 35/00 (2006.01) A61P 37/02 (2006.01) A61P 37/06 (2006.01) A61P 43/00 (2006.01) C07D 401/06 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 403/06 (2006.01) C07D 403/14 (2006.01) C07D 405/14 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **NOVEL PYRROLIDINE COMPOUND AND APPLICATION AS MELANOCORTIN RECEPTOR AGONIST**
[54] **NOUVEAU COMPOSE PYRROLIDINE ET APPLICATION EN TANT QU'AGONISTE DU RECEPTEUR DE LA MELANOCORTINE**
[72] YAMAMOTO, YASUO, JP
[72] SATO, ATSUSHI, JP
[72] MOROKUMA, KENJI, JP
[72] SHITAMA, HIROAKI, JP
[72] ADACHI, TAKASHI, JP
[72] MIYASHIRO, MASAHIKO, JP
[71] MITSUBISHI TANABE PHARMA CORPORATION, JP
[85] 2016-11-23
[86] 2015-05-28 (PCT/JP2015/065469)
[87] (WO2015/182723)
[30] JP (2014-111378) 2014-05-29

[21] **2,950,073**
[13] A1
[51] **Int.Cl. A61M 16/00 (2006.01) G01H 5/00 (2006.01) G01N 29/00 (2006.01)**
[25] EN
[54] **GASES MIXING AND MEASURING FOR A MEDICAL DEVICE**
[54] **MELANGE ET MESURE DE GAZ POUR UN DISPOSITIF MEDICAL**
[72] VAN SCHALKWYK, ANDRE, NZ
[72] NEWLAND, ANTHONY JAMES, NZ
[72] GLAVES, RACHAEL, NZ
[72] LIANG, WENJIE ROBIN, NZ
[72] JIANG-FOO, WINNIE YONG, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[85] 2016-11-23
[86] 2015-05-27 (PCT/NZ2015/050068)
[87] (WO2015/183107)
[30] US (62/003,423) 2014-05-27

[21] **2,950,075**
[13] A1
[51] **Int.Cl. C22F 1/053 (2006.01) C22C 21/10 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING ALUMINUM ALLOY MEMBER AND ALUMINUM ALLOY MEMBER MANUFACTURED BY THE SAME**
[54] **PROCEDE DE FABRICATION D'ELEMENT EN ALLIAGE D'ALUMINIUM ET ELEMENT EN ALLIAGE D'ALUMINIUM L'UTILISANT**
[72] INOUE, AKIKO, JP
[72] TAKAHASHI, TAKAYUKI, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2016-11-23
[86] 2015-05-29 (PCT/JP2015/065566)
[87] (WO2015/182748)
[30] JP (2014-111568) 2014-05-29

[21] **2,950,090**
[13] A1
[51] **Int.Cl. A61C 1/08 (2006.01) A61C 13/00 (2006.01)**
[25] EN
[54] **NOVEL DENTAL SCANNER DEVICE AND SYSTEM AND METHODS OF USE**
[54] **NOUVEAU DISPOSITIF DE SCANNER DENTAIRE ET SYSTEME ET PROCEDES D'UTILISATION**
[72] FERNANDEZ PULIDO, ALFONSO, ES
[72] DEPABLOS GARCIA, DAVID, ES
[71] APOLLO ORAL SCANNER, LLC, US
[85] 2016-11-23
[86] 2014-11-26 (PCT/US2014/067715)
[87] (WO2015/178962)
[30] US (14/286,650) 2014-05-23
[30] US (62/037,822) 2014-08-15

[21] **2,950,091**
[13] A1
[51] **Int.Cl. E21B 47/12 (2012.01) G01V 8/12 (2006.01)**
[25] EN
[54] **HYBRID FIBER OPTIC CABLE FOR DISTRIBUTED SENSING**
[54] **CABLE A FIBRE OPTIQUE HYBRIDE POUR UNE DETECTION DISTRIBUEE**
[72] THERRIEN, JASON EDWARD, US
[72] MAIDA, JOHN L., US
[72] BARFOOT, DAVID, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-11-23
[86] 2014-08-25 (PCT/US2014/052489)
[87] (WO2016/032420)

[21] **2,950,094**
[13] A1
[51] **Int.Cl. G01N 21/75 (2006.01)**
[25] EN
[54] **AIR REMOVAL TEST STRIP**
[54] **BANDELETTE D'ESSAI D'ELIMINATION D'AIR**
[72] BALA, HARRY, US
[72] BALA, MARK, US
[71] AMERICAN STERILIZER COMPANY, US
[85] 2016-11-23
[86] 2014-12-02 (PCT/US2014/068129)
[87] (WO2015/183340)
[30] US (14/292,155) 2014-05-30

[21] **2,950,099**
[13] A1
[51] **Int.Cl. A61B 8/00 (2006.01)**
[25] EN
[54] **CONDUCTIVE MEDIUM PAD FOR ULTRASOUND PROBE**
[54] **TAMPON DE MILIEU CONDUCTEUR POUR SONDE A ULTRASONS**
[72] TOMASSI, KELLER ANTON, US
[72] TERRY, RICHARD, US
[72] MENA, JORGE DAVID, US
[72] LAMAS, GABRIELA ISABEL, US
[72] CAMSTRA, STEPHANIE MARIE, US
[71] SONOFAST, INC., US
[85] 2016-11-23
[86] 2015-04-24 (PCT/US2015/027464)
[87] (WO2015/164708)
[30] US (61/983,598) 2014-04-24
[30] US (62/142,718) 2015-04-03

---

[21] **2,950,101**
[13] A1
[51] **Int.Cl. B01D 53/74 (2006.01)**
[25] EN
[54] **MICROWAVE INDUCED PLASMA CLEANING DEVICE AND METHOD FOR PRODUCER GAS**
[54] **DISPOSITIF ET PROCEDE D'EPURATION A PLASMA INDUIT PAR MICRO-ONDES POUR GAZ DE GAZOGENE**
[72] POTGIETER, DEON JOHN, US
[72] LOFTIN, MARK OLIVER, US
[72] STANZIONE, TOM, US
[72] BROWN, JEFFREY SCOTT, US
[71] PHG ENERGY, LLC, US
[85] 2016-11-23
[86] 2014-10-17 (PCT/US2014/061228)
[87] (WO2015/187189)
[30] US (62/006,448) 2014-06-02

Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **2,929,817**
[13] A1
[51] **Int.Cl. B01D 53/14 (2006.01) A62D 3/00 (2007.01) B01D 53/52 (2006.01)**
[25] EN
[54] **FLUID SCRUBBING APPARATUS**
[54] **APPAREIL DE RECURAGE DE FLUIDE**
[72] MCKEE, SHELDON, CA
[71] MCKEE, SHELDON, CA
[22] 2016-05-13
[41] 2016-11-15
[30] US (62161882) 2015-05-15

---

[21] **2,929,915**
[13] A1
[51] **Int.Cl. B01D 53/047 (2006.01)**
[25] EN
[54] **PRESSURE SWING ADSORPTION PROCESS FOR ENHANCED SEPARATION OF LIGHTER FROM HEAVIER SPECIES**
[54] **PROCEDE D'ADSORPTION DE BASCULE DE PRESSION DESTINE A AMELIORER LA SEPARATION D'ESPECES PLUS LEGERES DES ESPECES PLUS LOURDES**
[72] RITTER, JAMES A., US
[72] EBNER, ARMIN D., US
[72] HO, JASON G.S., US
[71] APACHE CORPORATION, US
[22] 2016-05-13
[41] 2016-11-15
[30] US (62/161,936) 2015-05-15
[30] US (15/153,917) 2016-05-13

---

[21] **2,930,126**
[13] A1
[51] **Int.Cl. A62B 17/00 (2006.01)**
[25] EN
[54] **INNER LINING FABRIC**
[54] **TISSU DE REVETEMENT INTERNE**
[72] UNDERWOOD, JOEY K., US
[72] CANTIN, JACQUES A., US
[71] INTERNATIONAL TEXTILE GROUP, INC., US
[22] 2016-05-16
[41] 2016-11-21
[30] US (62/164,856) 2015-05-21
[30] US (62/257,990) 2015-11-20

---

[21] **2,930,260**
[13] A1
[51] **Int.Cl. B30B 9/12 (2006.01)**
[25] EN
[54] **WORM SCREW FOR USE IN AN EXTRUDER AND EXTRUDER**
[54] **VIS SANS FIN DESTINEE A UN EXTRUDEUR ET EXTRUDEUR**
[72] MEYER, HELMUT, DE
[72] HENNES, JOCHEN, DE
[71] REIFENHAUSER GMBH & CO. KG MASCHINENFABRIK, DE
[22] 2016-05-16
[41] 2016-11-22
[30] DE (10 2015 006 479.7) 2015-05-22

---

[21] **2,930,579**
[13] A1
[51] **Int.Cl. D01F 8/14 (2006.01) D01D 5/08 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL AND WICKING MATERIALS AND METHODS OF MAKING THE SAME**
[54] **MATERIAUX DE MECHE ANTIMICROBIENS ET METHODES DE FABRICATION ASSOCIEES**
[72] FISHER, GIDON, CA
[71] FISHER, GIDON, CA
[22] 2016-05-20
[41] 2016-11-21
[30] US (62/164,904) 2015-05-21

---

[21] **2,930,592**
[13] A1
[51] **Int.Cl. B01D 46/02 (2006.01)**
[25] EN
[54] **DECOMPOSABLE AIR FILTER AND METHOD FOR MANUFACTURING SAME**
[54] **FILTRE A AIR DECOMPOSABLE ET METHODE DE FABRICATION ASSOCIEE**
[72] MAGEE, EDWARD G., CA
[72] MAGEE, JOHN, CA
[71] DELTA M INCORPORATED, CA
[22] 2016-05-20
[41] 2016-11-22
[30] US (62/165,576) 2015-05-22

---

[21] **2,930,673**
[13] A1
[51] **Int.Cl. B02C 2/00 (2006.01)**
[25] EN
[54] **ROLLER BEARING CONE CRUSHER AND PLAIN BEARING CONE CRUSHER WITH A COMMON EXTERIOR CONFIGURATION**
[54] **CONCASSEUR CONIQUE DE PALIER DE ROULEMENT ET CONCASSEUR CONIQUE DE ROULEMENT ORDINAIRE DOTES D'UNE CONFIGURATION EXTERIEURE COMMUNE**
[72] MUSIL, JOSEPH E., US
[71] TEREX USA, LLC, US
[22] 2016-05-20
[41] 2016-11-21
[30] US (62/164,845) 2015-05-21
[30] US (15/160,012) 2016-05-20

[21] **2,931,059**
[13] A1
[51] **Int.Cl. B01D 53/26 (2006.01)**
[25] EN
[54] **GLYCOL REGENERATOR VAPOR RECOVERY UNIT**
[54] **MODULE DE RECUPERATION DE VAPEUR D'UN REGENERATEUR AU GLYCOL**
[72] NICHOLS, TOM, CA
[72] PATTISON, PETER, CA
[72] SIDDIQUI, MUSTAFA, CA
[71] GAS PRO COMPRESSION CORP., CA
[22] 2016-05-26
[41] 2016-11-26
[30] CA (2892633) 2015-05-26

---

[21] **2,944,657**
[13] A1
[51] **Int.Cl. G01N 33/53 (2006.01) G01N 33/48 (2006.01) C12Q 1/70 (2006.01) G01N 33/569 (2006.01)**
[25] EN
[54] **HMGB1 AND ANTI-HMGB1 ANTIBODIES FOR THE PROGNOSTIC OF NEUROLOGICAL DISORDERS**
[54] **HMGB1 ET ANTICORPS ANTI-HMGB1 POUR LE PRONOSTIC DE TROUBLES NEUROLOGIQUES**
[72] GOUGEON, MARIE-LISE, FR
[72] POIRIER-BEAUDOIN, BEATRICE, FR
[72] SEFFER, VALERIE, FR
[72] SAIDI, HELA, FR
[71] INSTITUT PASTEUR, FR
[22] 2011-03-10
[41] 2011-09-15
[62] 2,792,506
[30] EP (EP 10290124.6) 2010-03-10

---

[21] **2,947,328**
[13] A1
[51] **Int.Cl. A61K 38/07 (2006.01) C12N 5/071 (2010.01) A01N 1/02 (2006.01) C07K 5/107 (2006.01) A61N 1/30 (2006.01)**
[25] EN
[54] **METHODS FOR REDUCING CD36 EXPRESSION**
[54] **METHODES PERMETTANT DE REDUIRE L'EXPRESSION DE CD36**
[72] SZETO, HAZEL H., US
[72] LIU, SHAOYI, US
[72] CHO, SUNGHEE, US
[71] CORNELL RESEARCH FOUNDATION, INC., US
[22] 2006-09-18
[41] 2007-03-29
[62] 2,622,911
[30] US (60/718,170) 2005-09-16

---

[21] **2,947,333**
[13] A1
[51] **Int.Cl. A61K 38/07 (2006.01) A61N 1/30 (2006.01) A61P 9/10 (2006.01) C07K 5/107 (2006.01)**
[25] EN
[54] **METHODS FOR REDUCING CD36 EXPRESSION**
[54] **METHODES PERMETTANT DE REDUIRE L'EXPRESSION DE CD36**
[72] SZETO, HAZEL H., US
[72] LIU, SHAOYI, US
[72] CHO, SUNGHEE, US
[71] CORNELL RESEARCH FOUNDATION, INC., US
[22] 2006-09-18
[41] 2007-03-29
[62] 2,622,911
[30] US (60/718,170) 2005-09-16

---

[21] **2,947,340**
[13] A1
[51] **Int.Cl. A61K 38/07 (2006.01) A61P 13/02 (2006.01)**
[25] EN
[54] **METHODS FOR REDUCING CD36 EXPRESSION**
[54] **METHODES PERMETTANT DE REDUIRE L'EXPRESSION DE CD36**
[72] SZETO, HAZEL H., US
[72] LIU, SHAOYI, US
[72] CHO, SUNGHEE, US
[71] CORNELL RESEARCH FOUNDATION, INC., US
[22] 2006-09-18
[41] 2007-03-29
[62] 2,622,911
[30] US (61/718,170) 2005-09-16

---

[21] **2,947,341**
[13] A1
[51] **Int.Cl. A01N 1/02 (2006.01) C12N 5/071 (2010.01) C07K 5/11 (2006.01)**
[25] EN
[54] **METHODS FOR REDUCING CD36 EXPRESSION**
[54] **METHODES DE REDUCTION DE L'EXPRESSION DU CD36**
[72] SZETO, HAZEL H., US
[72] LIU, SHAOYI, US
[72] CHO, SUNGHEE, US
[71] CORNELL RESEARCH FOUNDATION, INC., US
[22] 2006-09-18
[41] 2007-03-29
[62] 2,622,911
[30] US (60,718,170) 2005-09-16

---

[21] **2,947,343**
[13] A1
[51] **Int.Cl. A61K 38/07 (2006.01) A61N 1/30 (2006.01) A61P 9/10 (2006.01) C07K 5/11 (2006.01)**
[25] EN
[54] **METHODS FOR REDUCING CD36 EXPRESSION**
[54] **METHODES PERMETTANT DE REDUIRE L'EXPRESSION DE CD36**
[72] SZETO, HAZEL H., US
[72] LIU, SHAOYI, US
[72] CHO, SUNGHEE, US
[71] CORNELL RESEARCH FOUNDATION, INC., US
[22] 2006-09-18
[41] 2007-03-29
[62] 2,622,911
[30] US (60/718,170) 2005-09-16

[21] **2,947,353**
[13] A1
[51] **Int.Cl. C07K 14/78 (2006.01) A61K 38/07 (2006.01) A61P 17/02 (2006.01) C07K 5/103 (2006.01)**
[25] EN
[54] **PEPTIDE FRAGMENTS FOR INDUCING SYNTHESIS OF EXTRACELLULAR MATRIX PROTEINS**
[54] **FRAGMENTS DE PEPTIDE DESTINES A INDUIRE LA SYNTHESE DE PROTEINES DE MATRICE EXTRACELLULAIRE**
[72] HARRIS, SCOTT M., US
[72] FALLA, TIMOTHY J., US
[72] ZHANG, LIJUAN, US
[71] HELIX BIOMEDIX INC., US
[22] 2007-06-12
[41] 2007-12-21
[62] 2,655,116
[30] US (60/813,284) 2006-06-13

[21] **2,947,354**
[13] A1
[51] **Int.Cl. A61P 35/00 (2006.01) C07K 14/71 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) C07K 19/00 (2006.01) C12N 1/06 (2006.01) C12N 15/62 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **TARGETED/IMMUNOMODULATORY FUSION PROTEINS AND METHODS FOR MAKING SAME**
[54] **PROTEINES DE FUSION CIBLEES/IMMUNOMODULATRICES ET LEURS PROCEDES DE FABRICATION**
[72] GOVINDAPPA, NAGARAJ, IN
[72] SASTRY, KEDARNATH, IN
[72] SOARES, MARIA MELINA, IN
[71] BIOCON LIMITED, IN
[22] 2013-03-13
[41] 2013-11-07
[62] 2,871,706
[30] IN (1689/CHE/2012) 2012-04-30
[30] IN (1690/CHE/2012) 2012-04-30

[21] **2,947,751**
[13] A1
[51] **Int.Cl. A61M 1/10 (2006.01)**
[25] EN
[54] **CONTROLLER AND POWER SOURCE FOR IMPLANTABLE BLOOD PUMP**
[54] **ORGANE DE COMMANDE ET BLOC D'ALIMENTATION POUR UNE POMPE SANGUINE IMPLANTABLE**
[72] VADALA, CHARLES JOSEPH JR., US
[72] LAROSE, JEFFREY A., US
[72] RUDSER, JOHN, US
[72] ASHENUGA, MICHAEL, US
[71] HEARTWARE, INC., US
[22] 2013-12-30
[41] 2014-07-10
[62] 2,896,751
[30] US (61/749,038) 2013-01-04
[30] US (14/133,905) 2013-12-19

[21] **2,947,790**
[13] A1
[51] **Int.Cl. G01N 35/04 (2006.01) G01V 8/10 (2006.01) G01V 9/00 (2006.01)**
[25] EN
[54] **REAGENT AND SAMPLE HANDLING DEVICE FOR AUTOMATIC TESTING SYSTEM**
[54] **MANIPULATEUR A REACTIFS ET ECHANTILLONS POUR TESTEUR AUTOMATIQUE**
[72] GOMM, CORDELL K., US
[72] LUOMA, ROBERT P., II, US
[72] ARNQUIST, DAVID C., US
[72] JOHNSON, RYAN P., US
[71] ABBOTT LABORATORIES, US
[22] 2006-05-03
[41] 2006-11-09
[62] 2,606,050
[30] US (11/122,280) 2005-05-04

[21] **2,947,796**
[13] A1
[51] **Int.Cl. A61K 9/70 (2006.01) A61J 1/00 (2006.01) A61J 3/00 (2006.01) A61M 37/00 (2006.01)**
[25] EN
[54] **AMORPHOUS DRUG TRANSDERMAL SYSTEMS, MANUFACTURING METHODS, AND STABILIZATION**
[54] **GRAVURE CHIMIQUE ASSISTEE PAR ANODE DE POLYMERES CONDUCTEURS ET COMPOSITES POLYMERES**
[72] TANG, JIANSHENG, US
[72] DEVERICH, JOSEPH M., US
[72] MILLER, KENNETH J., II, US
[72] BESTE, RUSSELL D., US
[71] MYLAN TECHNOLOGIES, INC., US
[22] 2008-03-11
[41] 2008-09-25
[62] 2,762,981
[30] US (11/725,159) 2007-03-16

[21] **2,947,877**
[13] A1
[51] **Int.Cl. B01D 53/64 (2006.01) B01D 53/02 (2006.01) B01D 53/50 (2006.01)**
[25] EN
[54] **REDUCING MERCURY EMISSIONS FROM THE BURNING OF COAL**
[54] **REDUCTION DES EMISSIONS DE MERCURE RESULTANT DE LA COMBUSTION DE CHARBON**
[72] COMRIE, DOUGLAS C., US
[71] NOX II, LTD., US
[22] 2006-03-16
[41] 2006-09-21
[62] 2,900,444
[30] US (60/662,911) 2005-03-17
[30] US (60/742,154) 2005-12-02
[30] US (60/759,994) 2006-01-18
[30] US (60/765,944) 2006-02-07

[21] **2,947,947**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61K 38/20 (2006.01) A61P 29/00 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **NEW INDICATIONS FOR ANTI-IL-1-BETA THERAPY**
[54] **NOUVELLES INDICATIONS POUR UNE THERAPIE ANTI-IL-1-BETA**
[72] GRAM, HERMANN, DE
[72] JUNG, THOMAS, AT
[71] NOVARTIS AG, CH
[22] 2008-05-28
[41] 2008-12-04
[62] 2,687,499
[30] EP (07109084.9) 2007-05-29

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[21] **2,948,238**
[13] A1
[51] **Int.Cl. A61K 38/48 (2006.01) A61K 35/74 (2015.01) A61P 25/20 (2006.01) A61P 25/22 (2006.01) A61P 25/24 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **BOTULINUM TOXIN AND THE TREATMENT OF PRIMARY DISORDERS OF MOOD AND AFFECT**
[54] **TOXINE BOTULINIQUE ET TRAITEMENT DE TROUBLES PRIMAIRES DE L'HUMEUR ET DE L'AFFECTE**
[72] BORODIC, GARY E., US
[71] REVANCE THERAPEUTICS, INC., US
[22] 2006-06-07
[41] 2006-12-28
[62] 2,611,936
[30] US (60/690,162) 2005-06-14
[30] US (60/693,771) 2005-06-27
[30] US (60/721,060) 2005-09-28

---

[21] **2,948,392**
[13] A1
[51] **Int.Cl. B21D 11/06 (2006.01) B65G 33/00 (2006.01)**
[25] EN
[54] **IMPROVED SCREW CONVEYORS, AUGERS, AND FLIGHTING FOR USE THEREIN**
[54] **TRANSPORTEURS A VIS AMELIORES, TARIERES, ET BARRETTES POUR UTILISATION DANS CEUX-CI**
[72] HAMILTON, MICHAEL D., GB
[71] LENHAM MACHINERY LTD., GB
[22] 2014-04-08
[41] 2014-10-16
[62] 2,894,798
[30] US (61/810,651) 2013-04-10

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[21] **2,948,489**
[13] A1
[51] **Int.Cl. D21F 5/00 (2006.01) B08B 3/02 (2006.01)**
[25] EN
[54] **CLEANING APPARATUS**
[54] **DISPOSITIF DE NETTOYAGE**
[72] CASPAR, ROMAN, CH
[71] PAPRIMA INDUSTRIES INC., CA
[22] 2010-12-21
[41] 2011-06-30
[62] 2,785,011
[30] DE (10 2009 059 790.5) 2009-12-21

---

[21] **2,948,615**
[13] A1
[51] **Int.Cl. A61K 36/185 (2006.01) A61K 31/122 (2006.01) A61P 33/14 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR CONTROLLING A HONEY BEE PARASITIC MITE**
[54] **COMPOSITIONS ET PROCEDES POUR CONTROLER UN ACARIEN PARASITAIRE DES ABEILLES DOMESTIQUES**
[72] PROBASCO, GENE, US
[71] JOHN I. HAAS, US
[22] 2007-04-02
[41] 2007-10-25
[62] 2,649,351
[30] US (11/396,360) 2006-03-31

---

[21] **2,948,666**
[13] A1
[51] **Int.Cl. C03B 37/012 (2006.01) G02B 6/02 (2006.01)**
[25] EN
[54] **POLARIZATION CONTROLLING OPTICAL FIBER PREFORM AND PREFORM FABRICATION METHODS**
[54] **PREFORME POUR FIBRES OPTIQUES A COMMANDE DE POLARISATION ET METHODES DE FABRICATION DE PREFORME**
[72] DOWD, EDWARD M., US
[72] SANDERS, PAUL E., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[22] 2006-02-27
[41] 2006-08-28
[62] 2,763,629
[30] US (60/657,216) 2005-02-28

---

[21] **2,948,709**
[13] A1
[51] **Int.Cl. A47K 7/03 (2006.01)**
[25] EN
[54] **TEXTURED COTTON WIPES**
[54] **LINGETTES EN COTON TEXTUREES**
[72] YUAN, JAMES, US
[71] XAMAX INDUSTRIES, INC., US
[22] 2011-06-10
[41] 2011-12-15
[62] 2,838,498
[30] US (61/397,360) 2010-06-10

---

[21] **2,948,802**
[13] A1
[51] **Int.Cl. B62D 37/02 (2006.01) B62D 35/00 (2006.01) B62D 63/08 (2006.01)**
[25] EN
[54] **SIDE SKIRT AND SIDE UNDERRIDE CABLE SYSTEM FOR A TRAILER**
[54] **SYSTEME DE JUPE LATERALE ET DE CABLE DE BARRE ANTI-ENCASTREMENT LATERALE POUR UNE REMORQUE**
[72] GIROMINI, RICHARD J., US
[72] BAKER, LEONARD WILLIAM, US
[72] EHRLICH, RODNEY P., US
[72] SMIDLER, FRANCIS S., US
[72] BROWN, JAMES BRUCE, US
[71] WABASH NATIONAL, L.P., US
[22] 2010-04-15
[41] 2010-10-21
[62] 2,758,500
[30] US (61/169,933) 2009-04-16

[21] **2,948,813**
[13] A1
[51] **Int.Cl. F16M 11/24 (2006.01) B25B 11/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MOVING A STRUCTURE IN A MANUFACTURING ENVIRONMENT**
[54] **APPAREIL ET METHODE DE DEPLACEMENT D'UNE STRUCTURE DANS UN ENVIRONNEMENT DE FABRICATION**
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[72] REID, ERIC, US
[72] BUTTRICK, JAMES N., US
[72] MCDONAGH, DANIEL M., US
[72] DESJARDIEN, MATTHEW, US
[71] THE BOEING COMPANY, US
[22] 2014-07-08
[41] 2015-01-12
[62] 2,856,012
[30] US (13/940843) 2013-07-12

---

[21] **2,948,904**
[13] A1
[51] **Int.Cl. E06B 9/24 (2006.01) E06B 9/32 (2006.01) E06B 9/36 (2006.01)**
[25] EN
[54] **ROLL-UP RETRACTABLE COVERING FOR ARCHITECTURAL OPENINGS**
[54] **COUVERTURE RETRACTABLE PAR ENROULEMENT POUR OUVERTURES ARCHITECTURALES**
[72] COLSON, WENDELL B., US
[72] DREW, TERRENCE M., US
[72] SWISZCZ, PAUL G., US
[72] THRONE, JASON T., US
[71] HUNTER DOUGLAS INC., US
[22] 2009-08-06
[41] 2010-03-04
[62] 2,734,626
[30] US (61/091,959) 2008-08-26

---

[21] **2,948,947**
[13] A1
[51] **Int.Cl. B60T 7/20 (2006.01) B60D 1/28 (2006.01)**
[25] EN
[54] **BRAKING SYSTEM FOR TOWED VEHICLES**
[54] **MECANISME DE FREINAGE POUR VEHICULE REMORQUE**
[72] GERBRANDT, SCOTT, CA
[72] JAGOW, SCOT, CA
[71] BOURGAULT INDUSTRIES LTD., CA
[22] 2015-04-22
[41] 2016-10-22
[62] 2,889,117

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[21] **2,948,960**
[13] A1
[51] **Int.Cl. H04B 3/46 (2015.01) H04L 29/02 (2006.01) H04M 11/06 (2006.01)**
[25] EN
[54] **DIAGNOSTIC METHODS AND SYSTEMS FOR MULTICARRIER MODEMS**
[54] **SYSTEMES ET PROCEDES POUR ETABLIR UN MODE DE TRANSMISSION DIAGNOSTIQUE ET COMMUNIQUER PAR L'INTERMEDIAIRE DE CELUI-CI**
[72] KRINSKY, DAVID M., US
[72] PIZZANO, ROBERT EDMUND, JR., US
[71] TQ DELTA, LLC, US
[22] 2001-01-08
[41] 2001-07-19
[62] 2,788,662
[30] US (60/174,865) 2000-01-07
[30] US (60/224,308) 2000-08-10

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[21] **2,949,016**
[13] A1
[51] **Int.Cl. E21B 43/40 (2006.01) E21B 43/16 (2006.01)**
[25] EN
[54] **ENHANCED NATURAL GAS LIQUID RECOVERY PROCESS**
[54] **PROCESSUS DE RECUPERATION AMELIORE DU GAZ NATUREL SOUS FORME LIQUIDE**
[72] PRIM, ERIC, US
[72] BAKER, NAOMI, US
[72] GARIKIPATI, JHANSI, US
[71] PILOT ENERGY SOLUTIONS, LLC, US
[22] 2011-05-06
[41] 2012-10-28
[62] 2,739,366
[30] US (13/096,788) 2011-04-28

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[21] **2,949,031**
[13] A1
[51] **Int.Cl. G01B 11/06 (2006.01) G01B 11/24 (2006.01) A61B 1/227 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IMAGING USING ABSORPTION**
[54] **SYSTEMES ET PROCEDES D'IMAGERIE UTILISANT L'ABSORPTION**
[72] HART, DOUGLAS P., US
[72] FRIGERIO, FEDERICO, US
[72] MARINI, DAVIDE M., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[22] 2009-07-24
[41] 2010-01-28
[62] 2,730,429
[30] US (61/083,394) 2008-07-24
[30] US (61/165,708) 2009-04-01

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[21] **2,949,039**
[13] A1
[51] **Int.Cl. E21B 43/40 (2006.01) E21B 43/16 (2006.01)**
[25] EN
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[54] **PROCESSUS DE RECUPERATION AMELIORE DU GAZ NATUREL SOUS FORME LIQUIDE**
[72] PRIM, ERIC, US
[72] BAKER, NAOMI, US
[72] GARIKIPATI, JHANSI, US
[71] PILOT ENERGY SOLUTIONS, LLC, US
[22] 2011-05-06
[41] 2012-10-28
[62] 2,739,366
[30] US (13/096,788) 2011-04-28

[21] **2,949,087**
[13] A1
[51] **Int.Cl. E21B 43/34 (2006.01) E21B 43/40 (2006.01) F25J 3/00 (2006.01)**
[25] EN
[54] **ENHANCED NATURAL GAS LIQUID RECOVERY PROCESS**
[54] **PROCESSUS DE RECUPERATION AMELIORE DU GAZ NATUREL SOUS FORME LIQUIDE**
[72] PRIM, ERIC, US
[72] BAKER, NAOMI, US
[72] GARIKIPATI, JHANSI, US
[71] PILOT ENERGY SOLUTIONS, LLC, US
[22] 2011-05-06
[41] 2012-10-28
[62] 2,739,366
[30] US (13/096,788) 2011-04-28

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[21] **2,949,190**
[13] A1
[51] **Int.Cl. B25F 1/00 (2006.01) B25B 15/00 (2006.01) B25B 19/00 (2006.01) B25B 23/16 (2006.01)**
[25] EN
[54] **HAND TOOLS**
[54] **OUTILS MANUELS**
[72] HOPPE, CHRISTOPHER S., US
[72] HYMA, STEVEN W., US
[72] SQUIERS, GRANT T., US
[72] HARVEY, KYLE, US
[71] MILWAUKEE ELECTRIC TOOL CORPORATION, US
[22] 2015-07-22
[41] 2016-01-22
[62] 2,898,019
[30] US (62/027,606) 2014-07-22

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[21] **2,949,252**
[13] A1
[51] **Int.Cl. A61B 34/10 (2016.01) A61B 34/20 (2016.01) G06F 19/00 (2011.01) G06T 17/00 (2006.01) A61B 5/00 (2006.01) A61B 5/055 (2006.01) A61B 6/03 (2006.01) A61B 8/13 (2006.01)**
[25] EN
[54] **PLANNING, NAVIGATION AND SIMULATION SYSTEMS AND METHODS FOR MINIMALLY INVASIVE THERAPY**
[54] **SYSTEMES DE PLANIFICATION, DE NAVIGATION ET DE SIMULATION, ET PROCEDES DE THERAPIE MINI-INVASIVE**
[72] THOMAS, MONROE M., CA
[72] SELA, GAL, CA
[72] PIRON, CAMERON, CA
[72] RICHMOND, JOSHUA, CA
[72] YUWARAJ, MURUGATHAS, CA
[72] HODGES, WES, CA
[72] ALEXANDER, SIMON, CA
[72] GALLOP, DAVID, CA
[72] LAU, WILLIAM, CA
[72] THINGVOLD, SHERYL, CA
[72] DYER, KELLY, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[22] 2014-03-14
[41] 2014-09-18
[62] 2,899,359
[30] US (61/800,155) 2013-03-15
[30] US (61/845,256) 2013-07-11
[30] US (61/900,122) 2013-11-05
[30] US (61/924,993) 2014-01-08

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[21] **2,949,315**
[13] A1
[51] **Int.Cl. C12N 9/22 (2006.01) C12N 9/99 (2006.01) C12P 19/34 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **RNASE H-BASED ASSAYS UTILIZING MODIFIED RNA MONOMERS**
[54] **DOSAGES A BASE DE RNASE-H UTILISANT DES MONOMERES D'ARN MODIFIES**
[72] BEHLKE, MARK AARON, US
[72] ROSE, SCOTT, US
[72] DOBOSY, JOSEPH, US
[72] WALDER, JOSEPH ALAN, US
[71] INTEGRATED DNA TECHNOLOGIES, INC., US
[22] 2009-04-30
[41] 2009-11-05
[62] 2,722,541
[30] US (61/049,204) 2008-04-30

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[21] **2,949,476**
[13] A1
[51] **Int.Cl. G01S 13/74 (2006.01) A63B 71/06 (2006.01)**
[25] EN
[54] **ASSOCIATIVE OBJECT TRACKING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE SUIVI D'OBJET ASSOCIATIF**
[72] DEANGELIS, DOUGLAS J., US
[72] EVANSEN, EDWARD G., US
[72] REILLY, GERARD M., US
[71] ISOLYNX, LLC, US
[22] 2011-11-21
[41] 2012-05-24
[62] 2,817,998
[30] US (61/415,707) 2010-11-19

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[21] **2,949,524**
[13] A1
[51] **Int.Cl. G01N 35/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MULTI-ANALYTE DETECTION**
[54] **SYSTEME ET PROCEDE PERMETTANT LA DETECTION DE MULTIPLES SUBSTANCES A ANALYSER**
[72] BLECKA, LAWRENCE, US
[72] SEAMER, LARRY, US
[72] RASTOGI, SACHI, US
[72] TSAI, CHRIS, US
[72] JAFARI, NASSER, US
[72] LAFREDO, KEN J., US
[71] BIO-RAD LABORATORIES, INC., US
[22] 2004-07-19
[41] 2005-01-27
[62] 2,532,790
[30] US (60/488,572) 2003-07-18
[30] US (60/489,001) 2003-07-21

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **2,949,599**
[13] A1
[51] **Int.Cl. A61B 5/151 (2006.01) A61B 5/15 (2006.01)**
[25] EN
[54] **PRIME AND FIRE LANCING DEVICE WITH CONTACT BIAS DRIVE AND METHOD**
[54] **DISPOSITIF AUTOPIQUEUR A AMORCAGE ET TIRE AVEC COMMANDE A SOLLICITATION PAR CONTACT ET PROCEDE CORRESPONDANT**
[72] FAULKNER, ALLAN JAMES, GB
[72] FOLEY, NICHOLAS, GB
[72] CROSLAND, DAVID COLIN, GB
[72] YOUNG, MATTHEW JAMES, GB
[72] TRICKETT, PAUL, GB
[71] LEFESCAN SCOTLAND LIMITED, GB
[22] 2009-05-07
[41] 2009-11-12
[62] 2,723,548
[30] US (61/052,069) 2008-05-09

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[21] **2,949,615**
[13] A1
[51] **Int.Cl. C12N 5/00 (2006.01) C12N 5/07 (2010.01) C12N 5/071 (2010.01) A61L 27/38 (2006.01) C12M 3/00 (2006.01) C12M 3/04 (2006.01)**
[25] EN
[54] **SELF-ASSEMBLING MULTICELLULAR BODIES AND METHODS OF PRODUCING A THREE-DIMENSIONAL BIOLOGICAL STRUCTURE USING THE SAME**
[54] **CORPS MULTICELLULAIRES AUTO-ASSEMBLES ET PROCEDES DE PRODUCTION D'UNE STRUCTURE BIOLOGIQUE TRIDIMENSIONNELLE UTILISANT CEUX-CI**
[72] FORGACS, GABOR, US
[72] MARGA, FRANCOISE SUZANNE, US
[72] NOROTTE, CYRILLE, FR
[71] THE CURATORS OF THE UNIVERSITY OF MISSOURI, US
[22] 2009-06-24
[41] 2010-01-21
[62] 2,729,559
[30] US (61/132,977) 2008-06-24

---

[21] **2,949,906**
[13] A1
[51] **Int.Cl. G01N 27/416 (2006.01)**
[25] EN
[54] **METHODS OF SCALING DATA USED TO CONSTRUCT BIOSENSOR ALGORITHMS AS WELL AS DEVICES, APPARATUSES AND SYSTEMS INCORPORATING THE SAME**
[54] **PROCEDES DE MISE A L'ECHELLE DE DONNEES UTILISEES POUR CONSTRUIRE DES ALGORITHMES POUR DES CAPTEURS BIOLOGIQUES, AINSI QUE DISPOSITIFS, APPAREILS ET SYSTEMES INCORPORANT LESDITS P ROCEDES**
[72] BUCK, HARVEY, US
[72] CARPENTIER, SCOTT E., US
[72] PAN, ZHENG ZHENG, US
[72] VALVERDE-VENTURA, RENE, US
[71] F.HOFFMANN-LA ROCHE AG, CH
[22] 2014-03-13
[41] 2014-09-18
[62] 2,900,696
[30] US (61/794,280) 2013-03-15

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BAO, XIAOHUI 2,810,773
BARCHET, CHRIS 2,786,390
BARKALOW, DAVID G. 2,785,060
BARKER, KEITH 2,865,788
BARKER, MICHAEL H. 2,865,989
BARRERA, CAROLA 2,879,392
BARRERA, CAROLA 2,879,397
BARRIORS, PEDRO 2,674,959
BARRY, MICHAEL D. 2,790,663
BARTFELD, BENJAMIN 2,846,168
BASF SE 2,701,986
BASILE, KETRIN LEKA 2,865,785
BASINGER, JAMES FREDERICK 2,810,773
BASSETT, DEREK 2,749,911
BASTIAN, CHRIS 2,697,584
BASTOS, MARGARITA 2,805,658
BATT, EDWARD J. 2,883,728
BATTENHAUSEN, PETER 2,743,396
BAXLEY EQUIPMENT CO. 2,697,690
BAXTER HEALTHCARE S.A. 2,606,351
BAXTER INTERNATIONAL INC. 2,606,351
BAXTER, GREGORY T. 2,445,458
BCN PEPTIDES, S.A. 2,731,880
BEAUBIEN, SYLVIE 2,533,820
BEAUDOIN, PIERRE-LAURENT 2,837,496
BEAVER, SCOTT W. 2,638,801
BECK, BRENT CHRISTOPHER 2,743,715
BECKER, ERNST 2,743,396
BECTON, DICKINSON AND COMPANY 2,806,215
BECTON, DICKINSON AND COMPANY 2,846,168
BEDARD, MARK 2,683,401
BEGGIO, MAURIZIO 2,737,944
BEL-RHLID, RACHID 2,723,054
BELELIE, JENNIFER L. 2,813,474
BELL HELICOPTER TEXTRON INC. 2,810,615
BELTHOFF, EMILY 2,865,785
BEN-GAL, YANAI 2,743,803
BENDIX COMMERCIAL VEHICLE SYSTEMS LLC 2,891,230
BENT, JEFF 2,733,402
BERALDI, ELIANA 2,882,443
BERCOFF, JEREMY 2,797,262
BERKLAND, CORY 2,702,335
BERNART, FRANCIS 2,852,040
BERNBO, STEFAN 2,741,477
BERUBE, GREGOIRE 2,798,278
BETEBENNER, DAVID A. 2,755,023
BETTA PHARMACEUTICALS CO., LTD. 2,854,083
BETTA PHARMACEUTICALS CO., LTD. 2,878,049
BIANCO, ITAY 2,922,654
BIERSTEKER, MICHAEL 2,755,144
BILLINGS, NEIL ANDREW 2,784,334
BILY, ANTOINE 2,704,640
BINGHAM, ROBERT 2,756,650
BINZEL, OLIVER 2,721,181
BIOSIMS TECHNOLOGIES 2,717,918
BIOTIX, INC. 2,750,376
BIRKETT, DONALD JOHN 2,625,263
BIRON, BENJAMIN 2,812,288
BISSANTZ, CATERINA 2,742,463
BITNER, JOHN 2,724,263
BJERRE, OLE 2,718,375
BJORNSON, KYLA 2,877,005
BLACKBERRY LIMITED 2,626,654
BLACKBERRY LIMITED 2,747,114
BLACKBERRY LIMITED 2,762,550
BLACKBERRY LIMITED 2,770,630
BLACKBERRY LIMITED 2,782,462
BLACKBERRY LIMITED 2,783,345
BLACKBERRY LIMITED 2,784,334
BLACKBERRY LIMITED 2,789,441
BLACKBERRY LIMITED 2,794,262
BLACKBERRY LIMITED 2,796,778
BLACKBERRY LIMITED 2,807,031
BLACKBERRY LIMITED 2,812,288
BLACKBERRY LIMITED 2,815,672
BLACKBERRY LIMITED 2,816,785
BLACKBERRY LIMITED 2,820,251
BLACKBERRY LIMITED 2,821,772
BLACKBERRY LIMITED 2,828,031
BLACKBERRY LIMITED 2,866,691
BLANCHARD, STEPHANIE 2,629,443
BLANCHETTE, DAVID W. 2,727,169
BLIKSLAGER, ANTHONY T. 2,831,416
BLISS, ADAM 2,725,542
BLUEFIN ROBOTICS CORPORATION 2,799,780
BLUM, DAVID 2,638,801
BLUMBERG, LAURA COOK 2,804,034
BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM 2,749,840
BOEBST, BENJAMIN 2,697,699
BOETTGER, FRANK 2,697,699
BOGER, DALE L. 2,790,602
BOHN, MICHAEL 2,894,782
BOIE, HANNO 2,856,655
BOLOTOV, VALERIY DMITRIEVICH 2,623,590
BOMAN, CHARLES ANTON NILSSON 2,807,031
BONNER, BRETT BRACEWELL 2,860,700
BOOKSTAFF, BLAKE 2,569,529
BOON, ELIZABETH M. 2,653,101
BOONSTRA, DAVID 2,857,827
BOOTH, JAMES KENNETH 2,683,456
BOOTH, JAMES KENNETH 2,683,462
BORGESE, CHRISTINA M. 2,853,163
BORTLIK, KARLHEINZ 2,737,944
BOSI, BORIS 2,742,751
BOSTON SCIENTIFIC NEUROMODULATION CORPORATION 2,827,418
BOSTON SCIENTIFIC NEUROMODULATION CORPORATION 2,850,033
BOSTON SCIENTIFIC SCIMED, INC. 2,758,255
BOTTLES, RICHARD R. 2,849,513
BOTZONG, BRET M. 2,862,019
BOURGEOIS, PHILIP 2,882,029
BOURY, SERGE LOUIS 2,757,288
BOUSSIGNAC, GEORGES 2,695,570
BOWEN, ADAM 2,712,469
BP CORPORATION NORTH AMERICA INC. 2,638,801
BRADA, GUY, A. 2,857,328
BRADFORD, WILLIAMSON ZIEGLER 2,667,654
BRANDWINE, ERIC JASON 2,786,611
BRAZIUNAS, DARIUS 2,832,911
BRICKELL, CHRISTOPHER GAVIN 2,742,484
BRIDGES, TOBIAS M. 2,849,513
BRILL, REINER 2,717,567
BRINGER, JULIEN 2,735,405
BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED 2,889,330
BRITISH COLUMBIA CANCER AGENCY BRANCH 2,728,219
BROGDEN, COLE 2,852,345
BROUGH, SARAH ANN 2,690,727
BROWN, JULIAN M. 2,775,162
BROWN, MICHAEL ANDREW 2,724,169
BROWN, MICHAEL STEPHEN 2,747,114
BRUDNYJ, EDGAR 2,885,219
BRULAND, OYVIND S. 2,786,655
BRUNCKO, MILAN 2,682,354
BRUNS, ANDREAS 2,790,872
BT PRODUCTS AB 2,684,051
BUCKLER, DAVID 2,678,181
BUILDPOD INTERNATIONAL LTD 2,718,375
BURGESS, JAMES E. 2,742,717
BUSCHMANN, ARMIN 2,840,300
BUSH, SHAWN D. 2,869,834
BUTLER, TIMOTHY EARNEST 2,778,677
BYSICK, SCOTT 2,636,781
CABOULI, STEVEN D. 2,702,803
CADONAU, FULVIO 2,840,300
CADY, ERIC 2,728,543
CAGGIANO, MARIO 2,835,398
CAHELA, DONALD 2,779,826
CAI, JUEXIAO 2,849,703
CAI, JUEXIAO 2,876,944
CAI, ZHIJUN 2,789,441
CAI, ZHIJUN 2,866,691
CAMAS, INCORPORATED 2,516,087
CAMERON HEALTH, INC. 2,723,390
CAMPBELL, STEVEN WAYNE 2,796,778
CAMPRUBI ROBES, MARIA 2,731,880
CANADA PIPE COMPANY ULC 2,837,496

CANALES, EDA 2,877,005
CANCER RESEARCH TECHNOLOGY LIMITED 2,709,257
CANTER, PETER 2,787,646
CAPPELLE, MARK 2,856,920
CARBONX B.V. 2,739,714
CARDINAL HEALTH SWITZERLAND 515 GMBH 2,702,573
CARELLI, CLARA 2,686,112
CARGILL, INCORPORATED 2,715,542
CARL FREUDENBERG KG 2,882,825
CARLSSON, ANDERS 2,744,141
CARMEL-VEILLEUX, TENNESSEE 2,828,031
CARNEGIE, ANDREW J. 2,721,376
CARR, BRIAN 2,728,543
CARRENO SERRAIMA, CRISTINA 2,731,880
CARRIER, MICHAEL OWEN 2,753,707
CARUSO, THOMAS 2,882,825
CARY, STEPHEN P. L. 2,653,101
CASEY, MARLON R. 2,900,653
CASTRO-VILLANUEVA, JUAN CARLOS 2,925,195
CATERINO, MARK A. 2,711,230
CAVALLIN, KIM 2,846,147
CAVIN, CHRISTOPHE 2,723,054
CEDARDELL LIMITED 2,693,121
CEGLIO, CHRISTOPHER MICHAEL 2,853,622
CENTRAL SOUTH UNIVERSITY 2,815,708
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS 2,797,262
CEQUENT CONSUMER PRODUCTS, INC. 2,852,040
CHABANNE, HERVE 2,735,405
CHAKIRIS, PHIL M. 2,585,322
CHALUFOUR, ANNE MARIE 2,685,914
CHAN, KATRINA 2,711,558
CHANG, HWAI 2,638,801
CHANG, KIN-TAI 2,721,948
CHANG, KRISTINE 2,638,801
CHANG, TAK L. 2,698,017
CHANGZHOU TARGET MEDICINE TECHNOLOGY CO., LIMITED 2,889,518
CHAPMAN, CLINTON DANE 2,728,970
CHARLES, BERNARD 2,836,696
CHASSAGNE, JULIE 2,870,532
CHAUDHARY, BHARAT I. 2,798,296
CHAUHAN, ANIL KUMAR 2,606,351
CHAWDRY, SULIMAN 2,656,395
CHE, XIN 2,889,518
CHEBBI, IMENE 2,780,851
CHEEMA, PARBINDER 2,738,321
CHEMETALL GMBH 2,713,543
CHEN, CHUNG MAN 2,826,454
CHEN, GUANGMING 2,647,903
CHEN, TIANYE 2,749,911
CHEN, WEI-GE 2,895,916
CHEN, YAJIE 2,835,115
CHEN, YONG QING 2,684,217
CHEN, ZHE 2,828,031
CHERNAK, SAM 2,697,584
CHEVRON U.S.A. INC. 2,729,770
CHIPS INTERNATIONAL INC. 2,838,891
CHISHOLM, MAUREEN 2,699,285
CHONO, KEIICHI 2,819,014
CHOPRA, NAVEEN 2,813,474
CHRISTIE, COLIN 2,795,079
CHRISTODOULOU, PERIKLIS 2,923,903
CHUA, KENNETH S. 2,742,717
CHUKKA, SRINIVAS 2,859,269
CHUN, PHILIP 2,532,430
CIBULSKI, GILAD 2,743,803
CICIGOI, GENE J., JR. 2,773,170
CIELENS, INDULIS 2,492,826
CIMPRESS SCHWEIZ GMBH 2,597,518
CLARIANT FINANCE (BVI) LIMITED 2,785,463
CLARIANT PRODUKTE (DEUTSCHLAND) GMBH 2,815,905
CLARKE, ALLAN J. 2,814,857
CLONDIAG GMBH 2,684,095
CLOSE, DAVID 2,786,771
CNH INDUSTRIAL AMERICA LLC 2,704,328
CNH INDUSTRIAL CANADA, LTD. 2,675,796
COATES, STEVE 2,889,330
COCHRAN, BROOKS B. 2,658,607
COFFIGNY-GREGOIRE, ASTRID 2,878,810
COHEN, FREDRIC JAY 2,776,164
COLLETT, CHRIS 2,733,253
COMCAST CABLE COMMUNICATIONS, LLC 2,697,584
COMEAU, FELIX J. E. 2,731,637
COMPAGNIE DES PECHES SAINT MALO SANTE 2,714,155
COMPUVERDE AB 2,741,477
CONETE, ERIC 2,733,572
CONLEY, JILL 2,617,439
CONNOLLY, JAMES M. 2,597,518
CONNORS, MICHAEL J. 2,704,328
CONOCOPHILLIPS COMPANY 2,831,599
CONRY, PAT 2,697,690
CONVATEC TECHNOLOGIES INC. 2,720,645
CONWAY, DAVID P. 2,725,542
COOK BIOTECH INCORPORATED 2,717,619
COOPER TECHNOLOGIES COMPANY 2,735,985
COOPER, NATHAN J. 2,823,221
COOPER, ROBERT SCOTT 2,758,385
CORBEIL, ANTOINE 2,798,278
CORLU, BERIL 2,870,532
CORNELL RESEARCH FOUNDATION, INC. 2,445,458
CORREIA, VICTOR HUGO SILVA 2,853,622
CORSMEIER, DONALD 2,861,994
COSCARELLA, GABE 2,690,830
COTTELL, JEROMY J. 2,877,005
COUROIS, ELISA 2,714,155
COUSE, PETER FRANCIS 2,747,304
COVENTYA S.P.A. 2,822,476
COVINGTON, CLINTON DEE 2,758,385
COX, CHRISTOPHER 2,868,517
CRANK, JUSTIN M. 2,744,224
CREAFORM INC. 2,731,680
CREAPRODUCTS INC. 2,618,233
CRENSHAW, HUGH CHARLES 2,721,075
CRIBB, VANCE N., III 2,810,615
CROCE, CARLO M. 2,685,840
CROS, JEAN-CHRISTOPHE 2,836,696
CROWN EQUIPMENT CORPORATION 2,859,401
CTI BIOPHARMA CORP. 2,629,443
CULLEN, TOM 2,833,350
CUMMINS, JOHN FRANKLIN 2,768,960
CUMMINS, JOHN FRANKLIN 2,768,969
CUNNINGHAM, GREGORY S. 2,858,976
CURRY, SCOTT EDWARD 2,750,376
CVET, MICHAEL 2,832,911
CYTOS BIOTECHNOLOGY AG 2,492,826
CZECH, MANUEL 2,769,763
D. WESTERN THERAPEUTICS INSTITUTE, INC. 2,764,124
DAHL, CHRISTOPHER CHARLES 2,711,243
DAHLE, JOSTEIN 2,786,655
DAIICHI SANKYO COMPANY, LIMITED 2,796,924
DAL ZILIO, DIEGO 2,822,476
DAMNJANOVIC, JELENA M. 2,829,721
DANREITER, MANFRED 2,894,782
DASSAU, EYAL 2,789,630
DASSAULT SYSTEMES 2,836,696
DASTANE, AJIT 2,846,168
DAUSSIN, RORY D. 2,842,944
DAVE, VIPUL BHUPENDRA 2,702,573
DAVILA, CARLOS A. 2,764,914
DAVIS, MICHAEL LEONARD, JR. 2,773,170
DAVIS, RANDALL GENE 2,699,024
DE SOUSA, JOSE DE 2,864,270
DE SOUSA, MICHELLE E. 2,864,270
DE, TAPAS 2,848,021
DEBAISIEUX, GREGOIRE 2,836,696
DEGOEY, DAVID A. 2,755,023
DELAUNE, ANTHONY 2,717,918
DENNIS, MICHAEL WAYNE 2,784,334
DENT, TERRILL MARK 2,747,114
DENTE, STEPHEN V. 2,865,785
DEPIETRO, THOMAS 2,852,040
DERVAULT, FRANCK 2,732,551
DESAI, NEIL P. 2,848,021
DESANTIS, GRACE 2,638,801
DESJARDIEN, MATTHEW R. 2,883,728
DESLONGCHAMPS, PIERRE 2,533,820
DESPHARMA EGESZSEGUEGYI SZOLGALTATO KORLATOLT FELELOESSEGU TARSASAG 2,732,340
DESPLAND, CLAUDE-ALAIN 2,742,895

DETAMORE, MICHAEL 2,702,335
DEUTSCHES KREBSFORSCHUNGSZENTRUM 2,798,098
DEWENTER, MICHAEL THOMAS 2,739,989
DH TECHNOLOGIES DEVELOPMENT PTE. LTD. 2,685,169
DIALIGHT CORPORATION 2,762,796
DIARD, CATHERINE 2,750,488
DIKANSKY, JACQUES 2,704,640
DILSKY, STEFAN 2,785,463
DING, HONG 2,682,354
DINKEL, CRAIG 2,610,656
DIPARISI, PHILIP 2,843,071
DIPPEL, JEFFERY JOHN PAUL 2,812,288
DIXON, NICHOLAS JOHN 2,749,911
DMT GMBH & CO. KG 2,894,782
DOAN, TRAM BICH 2,625,263
DOBBS, JOHN M. 2,676,004
DODGE, DANNY THOMAS 2,812,288
DOONER, MATTHEW TAYLOR 2,739,989
DOROSHENKO, EKATERINA OLEGOVNA 2,623,590
DORY, YVES 2,533,820
DOSDAT, LAURENCE 2,878,810
DOTEN, LEONARD E. 2,887,714
DOUCE, JEROME 2,720,920
DOUGHTY, DAVID GEORGE 2,814,857
DOUGLASS, STEPHEN L. 2,773,170
DOW AGROSCIENCES LLC 2,628,263
DOW GLOBAL TECHNOLOGIES LLC 2,798,296
DOWNIE, NEIL ALEXANDER 2,874,516
DOYLE, FRANCIS J., III 2,789,630
DRAGAN, TUBIC 2,731,680
DRAKUNOV, SERGEY 2,739,989
DRAPPEL, STEPHAN V. 2,860,564
DREN, ANDREAS PAL 2,807,031
DRESCHER, MIRKO 2,790,872
DRIEU LA ROCHELLE, HUBERT 2,714,155
DRONOV, VASILY 2,850,033
DROZD, ESTHER 2,730,727
DU, NAIYING 2,752,284
DU, WEI 2,761,388
DUBE, SANJAY KUMAR 2,840,382
DUGGIRALA, SRINIVAS S. 2,656,395
DUNN, JOSEPH B. 2,742,717
DYNAMIC SHELTERS INC. 2,927,192
DYNO NOBEL INC. 2,738,934
DYRUP A/S 2,859,765
DYSON TECHNOLOGY LIMITED 2,754,974
E-GOVERNMENT CONSULTING GROUP, INC. 2,711,243
E2INTERACTIVE, INC. D/B/A E2INTERACTIVE, INC. 2,585,322
EARNSHAW, ANDREW MARK 2,866,691
EATON CORPORATION 2,753,707
EATWELL, WILLIAM D. 2,613,020
EBAY INC. 2,927,064
ECHOSTAR TECHNOLOGIES LLC 2,761,347
EDGECRAFT CORPORATION 2,770,279
EDVINSSON-ALBERS, ROLF 2,705,819
EFRATI, TZAHI 2,922,654
EGALET LTD. 2,751,667
EGAN, MICHAEL E. 2,814,720
EGILSSON, EGILL SVEINBJORN 2,871,641
EICHHORST, KEVIN 2,802,860
EIDSVIK, INGEGJERD 2,803,050
EIKOS, STEVE 2,819,860
EINARSSON, TORBJORN 2,691,085
EISAI R&D MANAGEMENT CO., LTD. 2,704,000
EKICI, OZGUR 2,783,345
ELBERS, GUIDO 2,817,807
ELDESSOUKI, AHMED ELSAEED MOHAMED GAD 2,807,031
ELDOLAB HOLDING B.V. 2,733,915
ELEK, BELA 2,770,279
ELI LILLY AND COMPANY 2,836,485
ELLERBROCK, RYAN THOMAS 2,753,707
ELLIOTT COMPANY 2,793,080
ELLIS, MICHAEL D. 2,623,427
ELMORE, STEVEN W. 2,682,354
ENDOH, JUN-ICHI 2,741,661
ENGINEERED ARRESTING SYSTEMS CORPORATION 2,738,373
ENGINEERING SERVICES INC. 2,787,136
EPCM SERVICES LTD. 2,735,017
ERBS, PHILIPPE 2,636,329
ERICKSEN, CHRISTIAN H. 2,857,328
ERICSON, MICHAEL DARRELL ANDREW 2,832,542
ERIKSEN, UFFE 2,683,456
ERIKSEN, UFFE 2,683,462
ERMANTRAUT, EUGEN 2,684,095
ERRICO, JOSEPH P. 2,805,658
ERTAS, MEHMET D. 2,790,663
ESAKI, NORIMITSU 2,832,718
ESPINEL, KARINA 2,862,659
ETEX CORPORATION 2,698,017
ETHICON, INC. 2,732,272
ETTER, STEFAN 2,794,786
EVERTZ MICROSYSTEMS LTD. 2,665,696
EVONIK DEGUSSA GMBH 2,817,264
EVONIK ROEHM GMBH 2,743,396
EXTENET SYSTEMS, INC. 2,861,182
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,795,058
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,790,663
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,807,575
EYAL, EHUD 2,880,508
EYELOCK LLC 2,764,914
F. HOFFMANN-LA ROCHE AG 2,742,463
FACEBOOK, INC. 2,868,517
FACEBOOK, INC. 2,906,181
FALCK, JOHN R. 2,749,840
FALLA, TIMOTHY J. 2,655,116
FALOTICO, ROBERT 2,702,573
FAN, HUAYING 2,889,518
FARAJIDANA, AMIR 2,829,721
FAURE, STEPHANIE 2,780,851
FAWCETT, MICHAEL JOHN 2,730,592
FEDERICI, FABIO 2,745,651
FELCH, CHAD L. 2,738,015
FELDHAUS, MICHAEL 2,678,181
FELDMAN, EMANUEL 2,850,033
FELEKI, ATTILA 2,732,340
FENWICK, HENRY TEASDALE 2,759,415
FERA, PAUL 2,747,304
FERNANDEZ CARNEADO, JIMENA 2,731,880
FERREIRA, ANTONIO 2,857,827
FERRER MONTIEL, ANTONIO 2,731,880
FIEGENER, JOHN D. 2,774,489
FIELDING, WILLIAM R. 2,794,649
FIESSER, FREDERICK H. 2,814,857
FILLON TECHNOLOGIES 2,757,385
FINK, MATHIAS 2,797,262
FISCHER, ROBERT 2,749,840
FISCHER, RUDOLF 2,704,808
FISHBACH, ANITA 2,617,439
FITCHKO, AARON F. 2,826,454
FLAHERTY, JOSEPH R. 2,774,489
FLASH SEATS, LLC 2,577,190
FLEMING, WESLEY JUSTIN 2,887,609
FLENTGE, CHARLES A. 2,755,023
FLETCHER, BRUCE 2,730,592
FLITSCH, FREDERICK A. 2,737,865
FLOORING INDUSTRIES LIMITED, SARL 2,856,920
FLSMIDTH A/S 2,923,903
FLUID-QUIP, INC. 2,763,467
FLUITER, KEES 2,730,203
FM MARKETING GMBH 2,681,796
FOCKE & CO. (GMBH & CO. KG) 2,759,823
FONG, MO-HAN 2,789,441
FONG, ROBERT 2,843,071
FORT HILLS ENERGY L.P. 2,809,248
FORTIN, DANIEL 2,533,820
FOURNIER, PAUL W. 2,675,440
FOWLER, GREGORY 2,743,930
FRANCHET, JEAN-MICHEL PATRICK MAURICE 2,761,512
FRASER, GRAEME L. 2,533,820
FRAUNHOFER USA, INC. 2,643,923
FRAUNHOFER-GESELLSCHAFT ZUE FOERDERUNG DER ANGEWANDTEN FOERSCHUNG E.V. 2,821,325
FREDERIKS, GUIDO ROBERT 2,841,141
FREESE, ROBERT P. 2,842,944
FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH 2,719,535
FREY, GEORG 2,746,110
FRIEL, DANIEL D., JR. 2,770,279
FRIEL, DANIEL D., SR. 2,770,279

FUJIKURA LTD. 2,866,018
FUJIMURA, AKINORI 2,901,736
FUJITSU LIMITED 2,741,498
FUKAMACHI, KAZUHIKO 2,863,505
GAAL, PETER 2,829,721
GABRIEL, MARK F. 2,857,827
GAJIC, DRAZEN 2,894,782
GANT, THOMAS G. 2,736,370
GARDNER, DANIEL L. 2,843,071
GARDNER, JEREMY 2,887,248
GE INTELLIGENT PLATFORMS, INC. 2,733,788
GEHIN, MAURICE CHRISTOPHER 2,895,798
GELHARD, OLIVER 2,790,876
GENERAL ELECTRIC COMPANY 2,641,768
GENERAL ELECTRIC COMPANY 2,853,622
GENERAL ELECTRIC COMPANY 2,861,994
GENERAL ELECTRIC COMPANY 2,870,608
GENERAL ELECTRIC TECHNOLOGY GMBH 2,812,085
GENERAL ELECTRIC TECHNOLOGY GMBH 2,829,610
GENERAL ELECTRIC TECHNOLOGY GMBH 2,840,382
GENERAL MILLS MARKETING, INC. 2,617,439
GENERAL MILLS, INC. 2,683,401
GEOFFROY, GUY 2,675,440
GETHING, ROBERT 2,730,592
GHOSH, SHONDIP 2,815,671
GIANNAKOPULOS, ANASTASSIOS 2,797,929
GIANNAKOPULOS, ANASTASSIOS 2,811,682
GIBBINGS, GEOFFREY 2,857,827
GILBERTSON, BROCK 2,741,794
GILEAD SCIENCES, INC. 2,877,005
GIZAW, YONAS 2,879,392
GIZAW, YONAS 2,879,397
GLATZ, BERND 2,764,047
GLAXOSMITHKLINE LLC 2,814,857
GLEAVE, MARTIN E. 2,882,443
GLOBAL TRAFFIC TECHNOLOGIES, LLC 2,802,860
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CHAPEAU, GUILLAUME 2,946,940
CHAPEAU, GUILLAUME 2,947,108
CHAPMAN, TIMOTHY 2,949,858
CHARLES, SCOTT 2,949,675
CHARTRAND, PATRICE 2,949,305
CHASMAWALA, SHAMSUDDIN H. 2,945,929
CHEER, ANDREW 2,947,111
CHEFD'HOTEL, CHRISTOPHE 2,948,226
CHELKO, JEFFREY 2,949,348
CHEMETALL GMBH 2,947,464
CHEN, CHEN 2,949,871
CHEN, CHIUNG-TONG 2,949,663
CHEN, CHRISTINA SUMMER 2,947,038
CHEN, CORINNA X. 2,949,709
CHEN, HUAJUN 2,949,459
CHEN, JINGTAO 2,949,320
CHEN, TIMOTHY 2,949,661
CHEN, YOUJUN 2,946,662
CHENEY, LANDAN ALAN 2,949,029
CHENEY, SHAUN AIRD 2,949,029
CHERNIN, VYACHESLAV 2,949,468
CHETTY, VERA 2,949,484
CHEUNG, CHIU YING 2,948,644
CHEVRON PHILLIPS CHEMICAL COMPANY LP 2,947,868
CHIAPPETTA, JOSEPH F. 2,945,929
CHICHILI, GURUNADH REDDY 2,950,008
CHICHLOWSKI, MACIEJ 2,945,970
CHIDESTER, PAULA 2,949,843
CHILD, MICHAEL DAVID 2,949,370
CHILDERS, MARTIN, K. 2,945,558
CHILDREN'S HOSPITAL MEDICAL CENTER 2,949,816
CHINA ELECTRIC POWER RESEARCH INSTITUTE 2,949,871
CHIYODA CORPORATION 2,949,453
CHO, JONG UN 2,949,943
CHO, PAUL HENRY 2,946,234
CHOI, DANETTE VANESSA 2,946,095
CHOI, JIHYUN 2,946,062
CHOI, JUNG SUN 2,950,071
CHOI, KYUNG HO 2,950,071
CHOWDHURY, ERFAN U. 2,945,925
CHRISMAN, RAY 2,949,512
CHRISTENSEN, KIM W. 2,946,951
CHRISTIE, STEWART GORDON GEORGE 2,946,980
CHROMAFLO TECHNOLOGIES EUROPE B.V. 2,947,449
CHROMATIC INDUSTRIES, INC. 2,949,960
CHROSTOWSKI, JOHN 2,946,397
CHU, CHUNLEI 2,939,334
CHUBB, RYAN 2,949,562
CHUKKA, SRINIVAS 2,948,226
CHUNG, CHUL-WOONG 2,949,943
CLARK, BENJAMIN ROBERT 2,946,540
CLERC, VINCENT 2,948,212
CLICKNER, SARAH M. 2,949,973

CLINTON, NYE 2,949,512
COATS, STEVEN J. 2,945,514
COCRYSTAL PHARMA, INC. 2,945,514
CODY, EMMA 2,945,539
COE, RYAN 2,949,689
COGEN, JEFFREY M. 2,948,260
COHEN, ADAM 2,946,385
COLE, STEVEN R. 2,947,123
COLLINS, ROB 2,949,778
COLLINS-THOMPSON, KEVYN 2,948,651
COLLINSON, SARAH JENNY 2,949,167
COLOMBATTI, FRANCISCO 2,946,616
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 2,948,293
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 2,948,387
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 2,948,445
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION 2,929,293
COMMUNICATION COMPONENTS ANTENNA INC. 2,943,668
CONATUS PHARMACEUTICALS, INC. 2,948,540
CONSTANTIN, TUDOR POMPILIU 2,945,962
COOK, JASON FOSTER 2,947,171
COOK, STEPHEN J. 2,948,156
COOLIDGE, GREGORY 2,946,880
COONEY, CHRISTOPHER G. 2,949,541
COOPER TECHNOLOGIES COMPANY 2,950,063
COOPER, ROTEM 2,946,897
COPPUCK, FRANK 2,947,797
CORAGLIA, DIEGO 2,946,489
CORBETT, SCOTT C. 2,947,984
CORBETT, SCOTT C. 2,947,985
CORDSTRAP B.V. 2,946,657
CORNING INCORPORATED 2,947,412
CORREAL, NEIYER S. 2,947,271
CORRETJER, JESUS F. 2,947,417
CORTELYOU, ROBERT J. 2,949,522
COSTA, FABIO M. 2,947,271
COSTE, EMMANUEL 2,949,533
COTTRELL, IAN 2,949,342
COVIDIEN LP 2,947,910
COWAN-HUGHES, JOHN 2,949,167
CRAWFORD, JAMES 2,949,681
CRAWFORD, PAUL A. 2,949,708
CRAWLEY, SUZANNE CHRISTINE 2,949,947
CREMASCHI, ALAIN 2,948,431
CROFT, DANIEL 2,947,395
CRUTCHFIELD CORPORATION 2,949,479
CRUTCHFIELD, WILLIAM G. 2,949,479
CRYSTALPLEX CORPORATION 2,949,556
CULLACIATI, ALFREDO 2,949,217
CUMMINGS, STEPHAN ALEXANDER 2,948,508
CUNNINGHAM, SAMANTHA 2,945,932
CURLIER, AUGUSTIN 2,947,121
CURTIS, CHIP 2,945,346
CUTRIGHT, JOHN 2,949,066
CVG MANAGEMENT CORPORATION 2,949,657
CYCLOPORTERS, INC. 2,949,705
CYTEC INDUSTRIES INC. 2,947,699
D AND D MANUFACTURING 2,949,228
D'INCALCI, MAURIZIO 2,947,970
D'URSO, ALESSIO 2,946,207
D. W. SPINKS (EMBOSSING) LIMITED 2,949,593
D.C. WATER & SEWER & AUTHORITY 2,949,546
DABBS, STEVEN 2,945,687
DACADOO AG 2,949,449
DAGUET, DAVID 2,945,895
DAHRINGER, JORG 2,944,090
DAIFUKU CO., LTD. 2,949,771
DAIFUKU CO., LTD. 2,949,774
DAIFUKU CO., LTD. 2,949,775
DAIFUKU CO., LTD. 2,949,776
DAIKIN INDUSTRIES, LTD. 2,949,641
DAL PONTE, DEAN 2,949,514
DAMANN, NILS 2,945,529
DAMANN, NILS 2,945,535
DAMIER, PHILIPPE 2,949,910
DANNENBERG, RAND D. 2,948,376
DANNENBERG, RAND D. 2,948,633
DAON, EHUD 2,948,298
DAS, MAHASWETA 2,949,673
DAVIDSON, BEVERLY L. 2,949,437
DAVIES, JON 2,947,766
DAVIS, CATHERINE 2,948,301
DAY, ROBERT FRANCI 2,945,539
DE CLIPPELEIR, HAYDEE 2,949,546
DE HULLU, MATTHEUS JACOB 2,946,871
DE RUDDER, KJELL 2,947,501
DEBERGH, JOHN ROBBINS 2,946,138
DECHELETTE, ALEXIS 2,946,760
DECKARD, AARON D. 2,888,097
DEGEN, DORIAN 2,946,346
DEGUERRY, FABIENNE 2,946,813
DEHORTER, NATHALIE 2,949,910
DEJAUNE, CLAUDE 2,948,040
DEKA PRODUCTS LIMITED PARTNERSHIP 2,949,987
DELARIA, KATHERINE ANNE 2,946,488
DELBRIDGE, EWA E. 2,948,138
DELBRIDGE, EWAN E. 2,948,149
DELBRIDGE, EWAN E. 2,948,156
DELBRIDGE, EWAN E. 2,948,289
DELP, SCOTT L. 2,949,843
DELSAUT, JAMES 2,950,005
DENEKAMP, NIELS 2,949,707
DENG, JUN 2,947,854
DENGEL, DEREK S. 2,947,673
DEPABLOS GARCIA, DAVID 2,950,090
DEPOST, THIBAULT 2,948,073
DEPREZ, NICHOLAS RYAN 2,946,138
DESHPANDE, JAYANT 2,945,587
DESHPANDE, SACHIN G. 2,949,460
DETTMER, MELANIE 2,946,798
DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES OFFENTLICHEN RECHTS 2,945,635
DEWALD, BRIAN 2,947,694
DEWILLE, NORMANELLA 2,949,858
DEZON-GAILLARD, PATRICE FABIEN 2,949,272
DHAMNASKAR, KETKI ASHOK 2,949,985
DI FABRIZIO, ENZO 2,946,468
DIAGNOSTIC BIOCHIPS 2,949,778
DIBIASI, MICHAEL 2,949,386
DICKESS, SHAWN P. 2,948,156
DIEU, STEPHANE 2,946,717
DIGARD BROU DE CUISSART, SEBASTIEN 2,946,708
DIJKSHOORN, DIRK 2,946,871
DIRECTPHOTONICS INDUSTRIES GMBH 2,945,892
DISTAL ACCESS, LLC 2,949,968
DITNER, JOHN 2,949,562
DITNER, JOHN 2,949,565
DITTMER, MARC 2,948,081
DNA SCRIPT 2,945,898
DOI, RINALDO 2,948,211
DOI, RINALDO 2,948,936
DOLAN, DAVID P. 2,949,363
DOLLE MICKAEL 2,949,305
DONDERICI, BURKAY 2,949,462
DORAIS, MARIE-CHRISTINE 2,949,724
DORYWALSKA, MAGDALENA 2,946,488
DOUADY, CYRIL 2,948,040
DOUGHERTY, JASON E. 2,949,709
DOUROS, KENNETH W. 2,947,271
DOW GLOBAL TECHNOLOGIES LLC 2,948,260
DREWES, OLAF 2,949,578
DRIVDAHL, KRISTIAN S. 2,944,197
DROCCO, LUCA 2,948,093
DROCCO, MARIO 2,948,093
DROLL, MARTIN 2,947,464
DUBEAU, ALLAN 2,949,565
DUBIEL, KRZYSZTOF 2,946,258
DUCAS, LUC 2,949,356
DUDEK, BRUNO 2,944,685
DUFOUR, JASMIN 2,949,305
DUJOL, CHARLOTTE MARIE 2,946,708
DULSKI, RICHARD S. (DECEASED) 2,949,385
DUQUET, FREDERIC 2,948,099
DUSHIN, RUSSELL GEORGE 2,946,488
DUTTA, PALLAB 2,950,048

DWORAK, DALLAS MARTIN, JR. 2,950,063
DYSON TECHNOLOGY LIMITED 2,945,909
DYSON TECHNOLOGY LIMITED 2,945,913
E. I. DU PONT DE NEMOURS AND COMPANY 2,947,716
E.I. DU PONT DE NEMOURS AND COMPANY 2,946,138
EB TECHNOLOGIES, LLC 2,949,969
ECOLAB USA INC. 2,950,003
EDEN, GIDEON 2,949,630
EDWARDS LIFESCIENCES CORPORATION 2,949,402
EDWARDS, JOHN L. 2,948,316
EFFENBERGER, FRANK 2,947,420
EGEL, ZOLTAN 2,946,004
EGGAN, KEVIN C. 2,946,385
EHLING, WOLFRAM 2,946,844
EICHER, JOACHIM 2,948,071
EICHER, JOACHIM 2,948,072
EIDE, ROAR 2,946,951
EIDLER, WERNER 2,948,078
EIKMAN, VIKTOR 2,947,644
EIKMAN, VIKTOR 2,947,655
EILINGHOFF, RON 2,947,464
EILOLA, SANNA 2,949,592
EKIMOTO HISAO 2,949,640
ELBAUM, DANIEL 2,949,985
ELEMENTZ LLC 2,945,932
ELENKO, ERIC 2,949,431
ELETTRO, HERVE 2,947,497
ELI LILLY AND COMPANY 2,946,350
ELLEFSON, TRAVIS J. 2,946,343
ELLERS, JOHN FREDERICK 2,949,861
ELLERS, JOHN FREDERICK 2,949,865
ELLIOTT, FRANKLIN 2,949,969
ELRICK, ANDREW JOHN 2,946,980
EMGENBROICH, MARCO 2,948,220
EMGENBROICH, MARCO 2,948,221
EMORY UNIVERSITY 2,945,514
ENCAPSON B.V. 2,946,805
ENDRIZZI, JAMES J. 2,888,097
ENEAU, PATRICE 2,946,708
ENG, JERRY MON HEI 2,947,699
ENGINEERED ARRESTING SYSTEMS CORPORATION 2,949,115
ENGLER, FREDERIC 2,946,100
ENSSLIN, SIMON 2,948,291
EQUISTAR CHEMICALS, LP 2,949,368
ESPERSEN, LARS LYKKE 2,946,351
ESPESET, TONNY 2,949,478
ESPINOSA, THOMAS M. 2,949,950
ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE) 2,946,643
ETERNIT NV 2,948,456
ETGEN, JOHN THEODORE 2,939,334
EUBANK, LANE A. 2,945,962
EUTENEUER, CHARLES L. 2,946,791
EVANS, DUANE MARTIN 2,948,572
EVANS, RYAN 2,946,760
EVEREADY BATTERY COMPANY, INC 2,949,544
EVONIK ROHM GMBH 2,947,788
EXCO TECHNOLOGIES LIMITED 2,949,557
EXELIXIS, INC. 2,946,416
EXERGY S.P.A. 2,948,014
EXOSECT LIMITED 2,948,090
EXPLODED VIEW, S.L. 2,949,734
EYER, MARK 2,949,652
F.HOFFMANN-LA ROCHE AG 2,945,612
FABIO PERINI S.P.A. 2,944,818
FACEBOOK, INC. 2,949,953
FAINI, ANDREA 2,945,900
FALCONE SPECIALITIES AG 2,948,035
FANTECH SOFTWARE INC. 2,945,429
FARACH, JULIO 2,949,348
FARAH, KAMAL 2,946,738
FARLAND, RICHARD M. 2,947,850
FARNLOF, PATRIK 2,949,784
FARVACQUE, BENOIT GUILLAUME 2,946,958
FARZANEH, SADEGH 2,943,668
FAST, JONATHAN P. 2,950,003
FAUCHET, GILLES 2,948,073
FAULTCURRENT LIMITED 2,947,111
FAVERO, CEDRICK 2,946,467
FELD, YAIR 2,949,755
FERNANDEZ PULIDO, ALFONSO 2,950,090
FERRARI, CORRADO 2,946,207
FERRARI, CORRADO 2,946,228
FERRARIO, FABIO 2,945,892
FIELDS, JASON R. 2,888,097
FIGURA, FLORENT 2,948,314
FILLIPP, STEPHEN L. 2,949,382
FINA TECHNOLOGY, INC. 2,949,373
FINGER LAKES INTELLECTUAL PROPERTY, LLC 2,949,513
FIRESTONE BUILDING PRODUCTS CO., LLC 2,946,410
FIRMENICH S.A. 2,946,813
FISHER & PAYKEL HEALTHCARE LIMITED 2,950,073
FISHER CONTROLS INTERNATIONAL LLC 2,947,282
FISHER CONTROLS INTERNATIONAL LLC 2,947,288
FITT S.P.A. 2,945,073
FITZGERALD, JOHN 2,947,934
FLEXCON INDUSTRIES, INC. 2,949,827
FLODESIGN SONICS, INC. 2,944,758
FLUOR TECHNOLOGIES CORPORATION 2,949,975
FLYNN, ALISON 2,949,558
FLYNN, NIGEL J. 2,949,976
FMC TECHNOLOGIES, INC. 2,949,708
FOGLIATO, GIOVANNI 2,945,900
FOJTIK, SHAWN P. 2,949,968
FOLETTI, DAVIDE LUCIANO 2,946,488
FOLK, CHRISTOPHER R. 2,948,525
FORENZ, DOMINICK JOHN 2,947,412
FORNERA, TAZIO 2,948,431
FOROUZESH, ELHAM 2,949,712
FORREST, BRAD 2,946,546
FORRESTER MCCORD, ELIZABETH 2,947,716
FORZATTI, MARCO 2,945,900
FOURNIER, JOEL 2,950,004
FOY, SUSAN 2,946,418
FOY, SUSAN 2,946,606
FRANCK, JAN 2,947,113
FRANCK, JAN 2,947,116
FRANCK, JAN 2,947,119
FRANK, ANDREI RICHARD 2,949,478
FRANTZ, ADAM 2,946,600
FRANZUSOFF, ALEX 2,946,418
FRASER, ANDREW 2,946,980
FRAUX, VINCENT 2,946,250
FRENKEL, ALIAKSANDR 2,947,464
FRESCAS, JESUS ALFONSO 2,941,778
FRIEDEWALD, JOHN 2,949,959
FRIEDLI, PAUL 2,946,083
FRIEDRICH, MARC 2,949,340
FRITO-LAY TRADING COMPANY GMBH 2,947,681
FRITSCH, THOMAS 2,948,101
FRITSCHE, HARO 2,945,892
FUJII, TAKAHIKO 2,949,769
FUKUI, YUKO 2,949,465
FULFORD, DAVID 2,949,351
FUNAKI, KENICHI 2,949,471
FUNDACIO INSTITUT D'INVESTIGACIO BIOMEDICA DE BELLVITGE (IDIBELL) 2,946,650
FUSHIHARA, KAZUHISA 2,950,069
GAAL, PETER 2,946,897
GAAL, PETER 2,947,126
GADGE, MAHESHKUMAR YADAVRAO 2,950,048
GAENSBAUER, DAVID 2,947,980
GAGAN, DELORIS R. 2,947,868
GAJJI, BHARGAV 2,949,468
GALAVIS, DAVID EMIRO 2,946,256
GALLINA, CRISTINA 2,946,228
GANE, PATRICK A. C. 2,948,426
GANE, PATRICK A.C. 2,948,606
GANTNER, HANS 2,948,565
GAO, BO 2,947,420
GAO, JIANHE 2,947,420
GAO, XINHAO HOWARD 2,949,824
GAO, XINHAO HOWARD 2,949,852
GARCIA LOPEZ, MONICA 2,949,573
GARDEN, IAN 2,944,686
GARDNER, BROCK ROBERT 2,947,219
GARIEL, SYLVAIN 2,945,898
GARVEY, PAUL WILLIAM 2,948,475
GARY, LONNIE F. 2,949,382
GASSER, BRIGITTE 2,945,877
GASSER, BRIGITTE 2,948,369
GATE, GWENNAEL 2,946,043
GATE, GWENNAEL 2,946,044
GATE, GWENNAEL 2,946,056
GAUDREAULT, CYRIL 2,950,035
GAUDREAULT, DANIEL 2,949,670
GAUTHIER, MICHEL 2,949,305

GAVRILOVIC, MINYA 2,943,668
GAYMAN, GARY EUGENE 2,947,765
GAZZALEY, ADAM 2,949,431
GB DEVELOPPEMENT 2,944,582
GEAN, MATTHEW 2,948,376
GEBAUER, PETER 2,945,612
GEBKE, KEVIN J. 2,947,481
GEMELOS, GEORGE 2,945,962
GENENTECH, INC. 2,946,662
GENENTECH, INC. 2,949,681
GENERAC POWER SYSTEMS, INC. 2,949,552
GENERAL ELECTRIC COMPANY 2,947,299
GENERAL ELECTRIC COMPANY 2,947,981
GENERAL ELECTRIC TECHNOLOGY GMBH 2,949,066
GENETHON 2,945,558
GENEWEAVE BIOSCIENCES, INC. 2,949,376
GENNASIO, ENRICO 2,948,211
GENNASIO, ENRICO 2,948,936
GEORGIA-PACIFIC CONSUMER PRODUCTS LP 2,944,522
GEORGIEV, TODOR GEORGIEV 2,949,550
GERARD, DANIEL E. 2,948,606
GERMEROTH, LOTHAR 2,945,889
GEROLD, STEPHANIE 2,947,464
GERSTLE, CHRISTOPHER 2,949,456
GERSTLE, CHRISTOPHER 2,949,457
GERSTLE, THEODORE L. 2,949,456
GERSTLE, THEODORE L. 2,949,457
GIBBONS, LINDA 2,948,316
GIBBS, ANDREW 2,947,921
GIBSON, CHRISTOPHER C. 2,949,545
GIBSON, NATALIE M. 2,949,532
GIBSON, SCOTT R. 2,948,525
GIEFFERS, CHRISTIAN 2,946,402
GIERENS, ANNE 2,946,717
GILLOT, JULIEN 2,946,940
GILLOT, JULIEN 2,947,108
GILSON SAS 2,944,685
GIMENO, PATRICIA 2,948,565
GIRARD, BRIAN 2,950,001
GIRTMAN, MICHAEL 2,947,278
GIVER, LORRAINE JOAN 2,946,846
GLAESKE, BRIAN R. 2,948,498
GLASSOLITE LTD. 2,947,461
GLATFELTER FALKENHAGEN GMBH 2,948,412
GLAVES, RACHAEL 2,950,073
GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO. 2) LIMITED 2,948,441
GLEISSNER, TIMO 2,946,472
GLEISSNER, TIMO 2,946,666
GLENN, ROBERT WAYNE, JR. 2,946,215
GLIJER, DAVID 2,949,340
GLOECKNER, CHRISTIAN 2,946,046
GLORIA-HERNANDEZ, HUGO 2,946,079
GLOZMAN, DANIEL 2,948,121
GLYCOTOPE GMBH 2,945,883
GODA, NOBUHIRO 2,949,364
GOEDEKE, STEVEN D. 2,946,791
GOEHLER, DANNIE 2,947,693
GOETSCH, LILIANE 2,946,795
GOFFMAN, DANIEL L. 2,888,097
GOHLKE, MARK 2,947,136
GOJO INDUSTRIES, INC. 2,945,346
GOLAN, MOSHE 2,948,644
GOLDBERG, MICHAEL 2,949,480
GOLETZ, STEFFEN 2,945,883
GOMA, SERGIU RADU 2,949,550
GONZALEZ, JUAN M. 2,945,968
GOODIER, STEVEN PAUL 2,947,070
GOODIER, STEVEN PAUL 2,949,335
GOOGLE INC. 2,949,054
GORDON MURRAY DESIGN LIMITED 2,947,797
GOROKHOV, ALEXEI YURIEVITCH 2,946,897
GOROKHOV, ALEXEI YURIEVITCH 2,947,126
GOTO, TAKAMICHI 2,949,471
GOULSON, MELANIE JEAN 2,946,766
GOURDIN, ILMO 2,946,056
GOURMAUD, ADRIEN 2,946,351
GOWANS, JOHN 2,949,167
GRAESSL, HERBERT 2,948,071
GRAHAM, IAN 2,946,812
GRATE, JOHN H. 2,946,846
GRAY, DAVID LAWRENCE FIRMAN 2,946,475
GREEN, JASON 2,948,498
GREEN, MICHAEL ERIC 2,946,475
GREEN, OLE 2,946,454
GREENBUTTS LLC 2,949,484
GREENING, DOUGLAS 2,947,694
GRIFFIN, ROBERT ANTHONY 2,945,882
GRIMES, SCOTT 2,949,348
GROSECLOSE, DENNIS WILLIAM 2,949,353
GROTZINGER, JOCHEN 2,948,565
GROVE, DALE ADDISON 2,949,235
GRULKE, ERIC ANDERSON 2,949,948
GRUNENTHAL GMBH 2,945,529
GRUNENTHAL GMBH 2,945,535
GRUNENWALD, HAIYING LI 2,946,046
GUALA, GIANNI 2,949,748
GUAN, FRANK HWAN-KUAN 2,949,525
GUANGDONG AULDEY ANIMATION & TOY CO., LTD. 2,950,013
GUANGZHOU ALPHA CULTURE COMMUNICATIONS CO., LTD. 2,950,013
GUARDIAN INDUSTRIES CORP. 2,949,976
GUERARD, NORBERT 2,945,061
GUILFORD, JENNIFER 2,924,204
GUPTA, RAM B. 2,945,925
GUPTA, RAM B. 2,947,699
GUSTAV, THORSTEN 2,946,489
GUSTAV, THORSTEN 2,946,492
GUSTAV, THORSTEN 2,946,493
GUTIERREZ, MIGUEL A. 2,949,689
GYRO-TRAC CORPORATION 2,949,670
HABERMAN, SETH 2,949,860
HADAVI, MARCUS 2,949,230
HADLEY, TREVOR DEON 2,929,293
HAEFLIGER, OLIVIER 2,946,813
HAJISHAH, ABRAHAM 2,946,723
HAJISHAH, ABRAHAM 2,946,724
HALL, DOUGLAS OLIVER 2,949,272
HALL, HAROLD WAYNE 2,949,960
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LEGIC IDENTSYSTEMS AG 2,948,205
LEGIC IDENTSYSTEMS AG 2,948,206
LEGO A/S 2,949,392
LEGOCHEM BIOSCIENCES, INC. 2,949,943
LEHENMEIER, MAXIMILIAN 2,948,416
LEHENMEIER, MAXIMILIAN 2,948,422
LEHNER, ANDREA 2,948,029
LEISNER, HENRIK 2,947,795
LEISURE, NICHOLAS J. 2,949,361
LEJEUNE, ERIC 2,945,061
LELY PATENT N.V. 2,946,522
LELY PATENT N.V. 2,946,871
LEMAIRE, MARC 2,947,510
LEMAIRE, PHILIPPE 2,945,887
LEMARCHAND, KEVIN MORGANE 2,947,121
LEMARCHAND, KEVIN MORGANE 2,947,249
LEMKE, HARALD 2,949,389
LEMKE, JOHN 2,949,709
LEONHARD, JOHANNES JOSEF 2,948,221
LEONI KABEL HOLDING GMBH 2,945,623
LEONI KABEL HOLDING GMBH 2,946,798
LEPPLE-WIENHUES, ALBRECHT 2,946,340
LEPPLE-WIENHUES, ALBRECHT 2,946,342
LEPTREX LTD 2,949,654
LEQUIPPE, GUILLAUME 2,949,340
LERCHL, JENS 2,946,334
LERNER, DANIEL MAURICE 2,949,490
LETENDRE, JEAN 2,949,811
LEVEL 3 COMMUNICATIONS, LLC 2,949,230
LEVIN, ADI 2,946,815
LEXMARK INTERNATIONAL, INC. 2,949,458
LG ELECTRONICS INC. 2,949,347
LI, DEAN Y. 2,949,545
LI, FENGKUI 2,949,373
LI, SHAOLIN 2,949,871
LI, SHUHE 2,948,376
LI, SHUHE 2,948,633
LI, WEN-HSIUNG 2,949,381
LI, YANMEI 2,949,459
LI, YONGKAI 2,946,408
LIANG, GUOXIAN 2,949,305
LIANG, WENJIE ROBIN 2,950,073
LIAO, KEN-HSUAN 2,947,716
LIDDIARD, ERIK S. 2,949,968
LIEBERT, SCOTT STEPHEN 2,948,475
LIKARDA, LLC 2,949,716
LIM, KOK SENG 2,929,293
LIN, HANG-CHING 2,949,569
LIN, HAO-YEH 2,949,381
LIN, JANICE 2,946,401
LIN, LIN 2,947,271
LIN, RONGBIN LANNY 2,949,377
LIN, YU-JU 2,949,381

LINCO FOOD SYSTEMS A/S 2,946,452
LINDERMAN, EVAN 2,949,832
LINDSTROM, MICHAEL J. 2,949,491
LINDSTROM, OLA 2,948,431
LINGARD, NEAL 2,947,681
LINK, JEROEN MARTIJN 2,947,794
LINNER, GEORG 2,945,864
LIPKENS, BART 2,944,758
LISAUSKAS, TADAS 2,949,484
LITZ, KYLE E. 2,949,945
LITZ, KYLE E. 2,949,973
LIU, HUIBIN 2,946,400
LIU, HUIBIN 2,946,401
LIU, LIQIN 2,950,008
LIVESEY, RICHARD I. 2,947,860
LOBETE, ANSORREGUI DANIEL 2,949,341
LOBETE, ANSORREGUI DANIEL 2,949,371
LOCKNER, JONATHAN W. 2,949,667
LOFTIN, MARK OLIVER 2,950,101
LOGIC, JEFF 2,947,481
LONGSHAW, CHRISTOPHER MARK 2,948,400
LONGYEAR TM, INC. 2,944,197
LONGYEAR TM, INC. 2,949,424
LONZA COLOGNE GMBH 2,946,472
LONZA COLOGNE GMBH 2,946,666
LONZA LTD. 2,945,877
LONZA LTD. 2,948,369
LOPREIATO, ANTHONY 2,949,444
LORD CORPORATION 2,946,191
LORENZONI, VALERIO 2,948,068
LORKOWSKI, AARON 2,949,445
LOTTER, MICHIEL PETRUS 2,947,171
LOTTER, MICHIEL PETRUS 2,947,182
LOURENCO SERRO, MANUEL FILIPE 2,946,382
LOVE, BEVERLEY 2,949,167
LOWE, KELLEY 2,949,858
LOWEREY, GARY W. 2,895,713
LOWERY, GARY W. 2,895,812
LOWERY, GARY W. 2,924,204
LTS LOHMANN THERAPIE-SYSTEME AG 2,948,220
LTS LOHMANN THERAPIE-SYSTEME AG 2,948,221
LU, SHIH-MIN 2,949,569
LULLA, GAUTAM 2,949,828
LUNA, JOHN 2,949,706
LUND, HENRIK 2,947,942
LUO, YUANQIU 2,947,420
LUTTRULL, JEFFREY K. 2,949,956
LUTZ, KENNETH E., II 2,949,830
LY, CUONG 2,949,681
LYNCH, MATTHEW LAWRENCE 2,946,215
MA, ZHONG 2,949,985
MACDONALD, KUNAL D. 2,949,976
MACDONALD, LYNN 2,946,412
MACINTOSH, KENNETH W. 2,949,707
MACK, CHRISTOPHER J. 2,947,282
MACLEOD, IAIN MORRISON 2,946,980
MACROGENICS, INC. 2,950,008
MAENNEL, RENE 2,949,424
MAGENTA MEDICAL LTD. 2,948,121
MAGNA EXTERIORS INC. 2,948,332
MAGOTTEAUX INTERNATIONAL S.A. 2,945,061
MAGUIRE, WILLIAM F. 2,949,365
MAIDA, JOHN L. 2,950,091
MAILLET, MARIE-NOELLE 2,948,350
MAISONNIER, BRUNO 2,946,040
MAISONNIER, BRUNO 2,946,069
MAJER, JAKUB 2,946,258
MAJOR, JULIA 2,946,334
MAKI, RICHARD R. 2,946,343
MALEK, BRUCE 2,946,818
MALKA, ASAF 2,948,295
MALLOUGH, MITCHELL W. 2,946,723
MALLOUGH, MITCHELL W. 2,946,724
MALOCA, PETER 2,948,204
MALTAIS, JEAN-NICOLAS 2,950,035
MANDL, STEFANIE 2,946,418
MANDL, STEFANIE 2,946,606
MANHIRE, JEFFREY B. 2,948,332
MANN, SIMON GERARD 2,949,738
MANZER, LEO E. 2,949,869
MAP IP HOLDING LIMITED 2,948,430
MARCHANDISE, FREDERIC 2,946,233
MARCOTTE, BRIAN W. G. 2,949,467
MARCUS, CLAUDIO 2,949,860
MARGOLIS, BENJAMIN 2,949,956
MARICEVIC, ZORAN 2,946,291
MARICI, PAUL PAIA 2,946,562
MARICI, PAUL PAIA 2,946,563
MARITIME RESCUE TECHNOLOGIES AS 2,947,377
MARQUAIS, THIERRY 2,949,340
MARRIOTT, GERARD 2,949,355
MARSCHNER, OLIVER 2,949,578
MARSH, JONATHAN GEORGE 2,945,909
MARSH, JONATHAN GEORGE 2,945,913
MARTI FIBLA, LLUC 2,949,734
MARTIKAINEN, ESKO 2,946,454
MARTIN SERRANO, LARA 2,949,734
MARTIN, JOCELYN 2,946,056
MARTIN, LISA J. 2,949,816
MARTINI, JEAN-FRANCOIS ANDRE 2,946,362
MARTOS, JOSE L. 2,945,687
MARTUCCI, W. E. 2,949,431
MARTZ, JOHNATHAN T. 2,947,854
MARUKAWA, HIRONOBU 2,949,453
MAS MONTEYS, ALEJANDRO 2,949,437
MASTERCARD INTERNATIONAL INCORPORATED 2,949,366
MASTERCARD INTERNATIONAL INCORPORATED 2,949,444
MASTON, ROBERT A. 2,949,657
MATHEISL, MICHAEL 2,948,078
MATHIEU, PERRINE 2,946,233
MATLOKA, MIKOLAJ 2,946,258
MATSUMOTO, JUN 2,949,453
MATSUOKA, TATSUO 2,949,465
MATTANOVICH, DIETHARD 2,945,877
MATTANOVICH, DIETHARD 2,948,369
MATTIOLI, GIORGIO 2,946,251
MATTIOLI, GIORGIO 2,946,252
MAZUR, BEN 2,945,932
MAZZARESE, DAVID 2,949,870
MAZZOLI, STEFANO 2,948,211
MAZZOLI, STEFANO 2,948,936
MCALPINE, ROBERT WATSON 2,949,458
MCBRAYER, TAMARA ROSARIO 2,945,514
MCCARTHY, BEN 2,949,591
MCCARTHY, BRIAN 2,944,758
MCCASKILL, JOHN W. 2,949,675
MCCASKILL, TRENT A. 2,949,973
MCCHESNEY, RYAN WESLEY 2,949,650
MCCLELLAN, ANNETTE 2,949,968
MCCULLOUGH, ADAM B. 2,948,525
MCDERMENT, IAN 2,946,962
MCDEVITT, MICHAEL R. 2,949,365
MCEACHERN, MATHEW J. 2,949,459
MCGEE, JAMES 2,947,850
MCGEE, JOHN HANNEY 2,949,535
MCHARDY, JOHN (DECEASED) 2,949,675
MCKENDRICK, WALTER JAY 2,947,412
MCKENNEY, PETER 2,949,232
MCKNIGHT, DARIN GUIDO, II 2,949,690
MCLEAN, GRAHAM W. 2,949,552
MCLEOD, DUNCAN 2,949,876
MCMULLEN, NIKKI 2,949,066
MCNEELY, MICHAEL RYAN 2,949,863
MCNEIL, JIM 2,947,980
MCQUILLIAN, BRIAN B. 2,949,522
MCWHIRTER, JOHN 2,946,412
MD HEALTHCARE INC. 2,949,644
MEDERIS DIABETES, LLC 2,949,701
MEDICOM INNOVATION PARTNER A/S 2,947,795
MEENAN, CHRISTOPHER, P. 2,949,480
MEGARO, ARIANNA 2,946,546
MEGARO, MATTHEW 2,946,546
MEISENHEIMER, MARTIN 2,948,071
MEISENHEIMER, MARTIN 2,948,072
MELISH, ROBERT C. 2,949,115
MELITTA SINGLE PORTIONS GMBH & CO. KG 2,948,734
MELLON MEDICAL B.V. 2,946,861
MEMORIAL SLOAN KETTERING CANCER CENTER 2,949,365
MEMORIAL SLOAN-KETTERING CANCER CENTER 2,949,232
MENA, JORGE DAVID 2,950,099
MENACHEM, AVSHALOM BEN 2,949,372
MENGESHA, TEWODROS 2,948,376
MEREDITH, ANDREW 2,949,533
MESCHKAT, STEPHAN JAMES ANDREAS 2,949,116
MESCHKAT, STEPHAN JAMES ANDREAS 2,949,118

MESCHKAT, STEPHAN JAMES ANDREAS 2,949,119
METAXATOS, PAUL 2,947,850
METCALFE, PAUL R. 2,949,445
MEZZALIRA, ALESSANDRO 2,945,073
MICHEL, PATRICK 2,947,510
MICRONUTRIENTS USA LLC 2,949,361
MICROSOFT TECHNOLOGY LICENSING, LLC 2,947,038
MICROSOFT TECHNOLOGY LICENSING, LLC 2,948,498
MICROSOFT TECHNOLOGY LICENSING, LLC 2,948,508
MICROSOFT TECHNOLOGY LICENSING, LLC 2,948,513
MICROSOFT TECHNOLOGY LICENSING, LLC 2,948,524
MICROSOFT TECHNOLOGY LICENSING, LLC 2,948,527
MICROSOFT TECHNOLOGY LICENSING, LLC 2,948,572
MICROSOFT TECHNOLOGY LICENSING, LLC 2,948,644
MICROSOFT TECHNOLOGY LICENSING, LLC 2,948,646
MICROSOFT TECHNOLOGY LICENSING, LLC 2,948,656
MICROSOFT TECHNOLOGY LICENSING, LLC 2,948,659
MICROSOFT TECHNOLOGY LICENSING, LLC 2,948,660
MICROSOFT TECHNOLOGY LICENSING, LLC 2,948,662
MICROSOFT TECHNOLOGY LICENSING, LLC. 2,948,908
MICROSOFT TEHCNOLOGY LICENSING, LLC 2,948,651
MILLER, TRENT J. 2,947,007
MILLER, TRENT J. 2,947,271
MILLET, BARBARA 2,947,011
MILTENYI BIOTEC GMBH 2,946,222
MIMO AG 2,948,204
MIN, JI YOUNG 2,949,943
MINCHENKOV, MIKHAIL 2,946,815
MINGSIGHT PHARMACEUTICALS, INC. 2,949,966
MIRAKI, MANOUCHEHR A. 2,949,402
MIRONOV, OLEG 2,946,480
MITAL, VIJAY 2,948,656
MITAL, VIJAY 2,948,659
MITAL, VIJAY 2,948,660
MITAL, VIJAY 2,948,662
MITCHELL, JOHN M. 2,949,976
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,950,075
MITSUBISHI TANABE PHARMA CORPORATION 2,950,072
MIYAKE, NAOTO 2,949,641
MIYASHIRO, MASAHIKO 2,950,072
MIYAZAKI, KUON 2,949,641
MJN U.S. HOLDINGS LLC 2,945,968
MJN U.S. HOLDINGS LLC 2,945,970
MLNARIK, KEVIN JOHN 2,948,475
MMV MEDICINES FOR MALARIA VENTURE 2,946,654
MO, TINGTING 2,946,408
MODINE, THOMAS 2,949,461
MOGNA, GIOVANNI 2,946,463
MOGNA, GIOVANNI 2,946,464
MOHAPATRA, SHYAM S. 2,949,673
MOHAPATRA, SUBHRA 2,949,673
MOHRI, TAKASHI 2,949,364
MOKHTARI, RAMIN LAVAE 2,946,785
MOLECULAR TARGETING TECHNOLOGIES, INC. 2,949,663
MOLINOS IP S.A. 2,946,616
MOLINOS RIO DE LA PLATA, S.A. 2,946,616
MOLLER NIELSEN, BEN 2,945,861
MOLLER, CLAUS SCHMIDT 2,946,350
MOLSBERGER, ALBRECHT 2,949,566
MOMENTIVE PERFORMANCE MATERIALS INC. 2,947,757
MONCEAUX, JEROME 2,946,040
MONCEAUX, JEROME 2,946,043
MONCEAUX, JEROME 2,946,044
MONCEAUX, JEROME 2,946,056
MONCH, ANDREAS ALEXANDER 2,929,293
MONTAGNANI, FRANCO 2,944,818
MONTHEL, NICOLAS 2,946,830
MOORE, PAUL A. 2,950,008
MORALES, OSVALDO P. 2,947,219
MORARD, JEAN-LOUIS 2,945,887
MOREIRA SERRO, AFONSO 2,946,382
MORGAN, DAN 2,949,363
MORISCH, BRADLEY R. 2,946,343
MOROKUMA, KENJI 2,950,072
MORREALE, JOHN D. 2,949,708
MORRIS, PHILIP 2,949,738
MORRISSEY, JAMES H. 2,949,868
MOSIER, PATRICK E. 2,948,149
MOSZCZYNSKI-PETKOWSKI, RAFAL 2,946,258
MOTOR DEVELOPMENT INTERNATIONAL S.A. 2,946,481
MOTOROLA SOLUTIONS, INC. 2,940,161
MOTOROLA SOLUTIONS, INC. 2,945,966
MOTOROLA SOLUTIONS, INC. 2,947,007
MOTOROLA SOLUTIONS, INC. 2,947,011
MOTOROLA SOLUTIONS, INC. 2,947,271
MOTOROLA SOLUTIONS, INC. 2,947,417
MOUHOUCHE, BELKACEM 2,949,341
MOUHOUCHE, BELKACEM 2,949,371
MOWAT, DON 2,949,562
MUCCIO, PHILIP 2,949,359
MUCHETTI, ALESSANDRO 2,944,818
MUGNIER, FABIEN 2,948,212
MUJICA, ALEXANDER 2,946,412
MUKKAVILLI, KRISHNA KIRAN 2,946,897
MUKKAVILLI, KRISHNA KIRAN 2,947,126
MULLER & CIE 2,945,887
MUNDLE, KLAUS 2,949,554
MUNNEKE, HARROLD JAN 2,946,522
MURANAKA, TOSHIYA 2,950,069
MURPHY, ANDREW 2,946,412
MURPHY, LUCAS 2,949,827
MURTHY, SUDHIR 2,949,546
MURUGAN, KANNAN 2,946,654
MUTALIK, VENKATESH G. 2,945,929
MUTALIK, VENKATESH G. 2,946,194
MUTALIK, VENKATESH G. 2,946,290
MUTALIK, VENKATESH G. 2,946,395
MUTALIK, VENKATESH G. 2,946,397
MUTALIK, VENKATESH G. 2,946,535
MUTALIK, VENKATESH G. 2,946,712
MUTLU, OVUNC 2,946,722
MWANGI, JOHN 2,949,444
MYD"L" 2,946,100
MYERS, JOCELYN BIAGINI 2,949,816
MYUNG, SE-HO 2,949,341
MYUNG, SE-HO 2,949,371
NAAS, ROBERT L. 2,949,513
NAEF, ANDRE 2,949,449
NAKAGAWA, YUSUKE 2,950,068
NAKAGIRI, RYUSUKE 2,949,773
NAKAMARU, HIROKI 2,950,068
NAKAMURA, MINORU 2,946,519
NAKANISHI, MASATAKA 2,949,364
NAKATOMI, TERUHITO 2,949,769
NAKAYA, TADASHI 2,949,471
NANDULA, PHANI 2,947,299
NANOPRECISION PRODUCTS, INC. 2,948,376
NANOPRECISION PRODUCTS, INC. 2,948,633
NANOTHERAPEUTICS, INC. 2,945,768
NAPIERALA, CHRISTIAN 2,949,175
NAPOLITAN, JULIE 2,947,850
NARAYANAN, SHRIDHAR 2,946,654
NARAYANAN, SURIYA 2,948,646
NASDAQ TECHNOLOGY AB 2,949,784
NATERA, INC. 2,945,962
NATHAN, MARK DAVID 2,949,077
NATIONAL HEALTH RESEARCH INSTITUTE 2,949,663
NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY 2,949,640
NAUCHE, MICHEL 2,946,643
NAVIGATE SURGICAL TECHNOLOGIES, INC. 2,948,298
NEDERBERG, FREDRIK 2,947,716
NEELD, KENNETH J. 2,949,115
NEENAH PAPER, INC. 2,946,748
NEGRE, CYRIL 2,946,481
NEGRE, GUY 2,946,481
NEISER, RAYMOND R. 2,949,813
NEOGEN CORPORATION 2,949,630
NERI, DINO 2,946,251
NERI, DINO 2,946,252
NESTEC S.A. 2,946,079
NESTEC S.A. 2,946,351
NESTOR, JOHN J. 2,949,701
NETZ, AMIR 2,948,644
NEUBERT, VOLKMAR 2,946,676
NEUBERT, VOLKMAR-DIRK 2,946,676
NEUER, MICHAEL 2,949,514

NEUHAUS, SVEN 2,948,734
NEUKIRCH, SEBASTIEN 2,947,497
NEUVONEN, TUOMAS 2,948,955
NEVIN, JOEL 2,947,850
NEWLAND, ANTHONY JAMES 2,950,073
NEXIRA INTERNATIONAL 2,945,895
NEXOM (U.S.), INC. 2,949,687
NEXTIVITY, INC. 2,947,171
NEXTIVITY, INC. 2,947,182
NEXUM (U.S.), INC. 2,949,689
NGM BIOPHARMACEUTICALS, INC. 2,949,947
NIEDERMAIER, STEFAN 2,946,214
NIEMAN, TIMOTHY R. 2,949,968
NIEMZ, FRANK-GUNTHER 2,944,522
NIESEN-WARKENTIN, EVGENIJA 2,947,464
NIESMAN, MICHAEL 2,949,966
NIKANDER, MIKA 2,948,955
NILFISK A/S 2,950,027
NIMS, NATHAN EZEKIEL 2,949,985
NISSAN MOTOR CO., LTD. 2,949,452
NISSAN MOTOR CO., LTD. 2,949,769
NOJIRI, YAMATO 2,949,455
NOLL, STEFAN 2,947,500
NORRIS, MICHAEL G. 2,949,987
NORTHWESTERN UNIVERSITY 2,949,959
NORTMEYER, CHRISTINE 2,945,612
NORTON (WATERFORD) LIMITED 2,947,921
NOVABONE PRODUCTS, LLC 2,949,759
NOVARTIS AG 2,945,539
NOVARTIS AG 2,946,408
NOVARTIS AG 2,948,291
NOVARTIS AG 2,949,393
NOVARTIS AG 2,949,503
NOVELIS INC. 2,947,980
NOVOZYMES A/S 2,947,942
NOWAK, GREGOR 2,949,470
NOWAKOWSKI, NATHALIE 2,946,710
NOWAKOWSKI, NATHALIE 2,947,121
NTAIS, SPYRIDON 2,949,869
NUGTEREN, DANIEL J. 2,888,097
NYE, JAMES E. 2,949,370
NYSSE, AARON J. 2,888,097
O'MALLEY, MARK 2,949,335
OATEY CO. 2,949,445
OBER, COURTNEY A. 2,945,925
OBERTHUR FIDUCIAIRE SAS 2,946,940
OBERTHUR FIDUCIAIRE SAS 2,947,108
OBIE, GENE ROBERT 2,948,572
OCEANA ENERGY COMPANY 2,950,002
OCULAR TECHNOLOGIES SARL 2,949,954
OERLEMANS, STEFAN 2,948,068
OFFICINE MACCAFERRI ITALIA S.R.L. 2,949,217
OFFICINE MACCAFERRI ITALIA S.R.L. 2,949,446
OGAWA, KAZUKI 2,949,771
OGAWA, KAZUKI 2,949,774
OGAWA, KAZUKI 2,949,775
OGAWA, KAZUKI 2,949,776
OH, KYU MAN 2,949,943
OH, MIN SUN 2,949,949
OH, YEONG SOO 2,949,943
OHMORI, MASAHIRO 2,949,635
OHNEMUS, PETER 2,949,449
OJAI RETINAL TECHNOLOGY, LLC 2,949,956
OKAMOTO, AKIO 2,950,061
OKESON, BRADLEY D. 2,949,522
OLIVER, CHRISTOPHER 2,949,522
OLKOWSKI, ANDREW A. 2,949,750
OLSEN, ANDERS SMAERUP 2,948,068
OMERNICK, MATTHEW 2,949,431
OMNIACTIVE HEALTH TECHNOLOGIES LIMITED 2,945,587
OMYA INTERNATIONAL AG 2,947,439
OMYA INTERNATIONAL AG 2,948,426
OMYA INTERNATIONAL AG 2,948,431
OMYA INTERNATIONAL AG 2,948,606
ONCOETHIX GMBH 2,947,970
ONNERUD, TORD PER 2,947,765
OPENTV, INC. 2,949,704
OPES CORPORATION OY 2,950,040
OPFLEX TECHNOLOGIES, LLC 2,949,357
OPSTEEN, JOHANNES ANTONIUS 2,946,805
OPTOS PLC 2,947,395
ORBAN, ANDRE 2,949,490
ORDOUKHANIAN, PHILLIP TODD 2,949,959
ORION DIAGNOSTICA OY 2,949,592
ORNER, RICHARD L., JR. 2,949,115
ORTAIS, PAUL 2,949,332
ORTEN, ROLF ENDRE 2,948,431
OSAKA UNIVERSITY 2,950,069
OSHIMA, HIROKI 2,949,364
OSIRIS BIOMED 3D, LLC 2,949,456
OSIRIS BIOMED 3D, LLC 2,949,457
OSOTHPRAROP, TRINA FAYE 2,946,046
OSTERGAARD, BENT 2,946,452
OSTROOT, TIMOTHY A. 2,945,796
OUMEJJOUD, KHALID 2,949,066
OXFORD SPACE SYSTEMS LIMITED 2,946,250
OZYHAR, TOMASZ 2,947,439
PACTIV LLC 2,949,690
PAHNKE, JAN 2,948,734
PAIS, ROHAN 2,949,778
PALACIOS, LUIS EDUARDO 2,946,616
PALOMINO, STEVEN 2,947,136
PAMER, ERIC G. 2,949,232
PAOFIT TECHNOLOGY PTE LTD 2,949,478
PARADIGM DRILLING SERVICES LIMITED 2,949,741
PARAGATE MEDICAL LTD. 2,949,755
PARASELLI, PRASUNA 2,949,681
PARDEO, FRANCESCA 2,946,468
PARK, DONGSIK 2,946,062
PARK, HONGGYU 2,949,653
PARK, HYUN-TAEK 2,949,644
PARK, TAE KYO 2,949,943
PARK, YUN HEE 2,949,943
PARKER, RICHARD 2,949,066
PARKER-HANNIFIN CORPORATION 2,946,880
PARKS, ACACIA 2,949,605
PARRILLA, JOSEPH 2,949,828
PARSONS, C. LOWELL 2,949,480
PASSMANN, CHRISTOPH 2,947,500
PATAILLOT, REMY 2,946,069
PATEL, GAURAV 2,949,858
PATEL, TAJESH JAYPRAKASH 2,945,539
PATIL, VIKAS 2,946,654
PATTERSON, CHAD J. 2,947,445
PATTERSON, DAVID 2,949,167
PAULIK, JILL MARIE 2,946,334
PAXTON, RICHARD GEORGE 2,946,478
PAZ GARCIA, JUAN 2,949,814
PAZ MICHEL, BRENDA ASTRID 2,949,814
PEACS B.V. 2,948,132
PEARCE, CODY A. 2,944,197
PEARCE, MICHAEL D. 2,947,007
PEARD, PAUL HENRY ARTHUR 2,946,067
PEARSON, RICHARD 2,947,070
PEDERSEN, GUNNAR K. STORGAARD 2,945,861
PEDLEY, MARK 2,949,591
PEDRETTI, RICHARD JOHN 2,946,251
PEDRETTI, RICHARD JOHN 2,946,252
PEDROZA, JOSEPH E. 2,946,724
PEI, DEHUA 2,949,705
PERLMUTTER, SARAH JACQUELINE 2,949,985
PEROZZIELLO, GERARDO 2,946,468
PERRAUD, SIMON 2,948,293
PERRAUD, SIMON 2,948,387
PERRAUD, SIMON 2,948,445
PERRY, TASHA 2,946,600
PERSON, TIMOTHY J. 2,948,260
PERTHU, MICHAEL 2,950,026
PESQUERA PACIFIC STAR S.A. 2,946,363
PETERS, NILS GUNTHER 2,946,820
PETERS, SHIRLEY JANE 2,945,882
PETERSEN, LASSE MARKFOGED 2,946,452
PETERSON, SHAWN D. 2,888,097
PETRANK, NOAM 2,949,610
PETRONILLI, ANDREA 2,945,073
PEYLA, PAUL J. 2,946,537
PFIZER INC. 2,946,362
PFIZER INC. 2,946,475
PFIZER INC. 2,946,488
PHG ENERGY, LLC 2,950,101
PHILIP MORRIS PRODUCTS S.A. 2,946,480
PHILLIPS, DARREN C. 2,946,402
PIERRE FABRE MEDICAMENT 2,946,795
PIERRE, CHRISTOPHE 2,948,099
PIERS, PATRICIA ANN 2,946,356
PIKE, KURT GORDON 2,946,459
PIKOVSKY, CATHERINE 2,946,958
PINKALLA, CARY 2,947,481

PIPER, ADAM 2,949,431
PIRAS, RICCARDO 2,949,491
PIZZIO, RODOLFO 2,948,120
PLASTINA, DANIEL 2,948,513
PLISHKA, MICHAEL 2,949,832
PLOHMANN, BERND 2,948,070
PLUSS, MARCEL 2,948,205
PLUSS, MARCEL 2,948,206
POHL, OLAF GARCIA 2,946,561
POLAKIS, PAUL 2,946,662
POLARIS INDUSTRIES INC. 2,888,097
POLARIS INDUSTRIES INC. 2,946,343
POLEVOY, RICHARD S. 2,949,513
POLK, DALE, JR. 2,949,228
POLK, TIMOTHY 2,949,228
POLYZOS, ANASTASIOS 2,929,293
POMRINK, GREGORY J. 2,949,759
POTGIETER, DEON JOHN 2,950,101
POURIA, JANDAGHI 2,945,635
POURLADIAN, BAMDAD 2,949,712
POURRAT, FRANCOIS 2,945,887
POVIVA TEA, LLC 2,949,369
POWER CHOKES 2,949,675
POWER, DANIEL E. 2,950,002
POWER, JAMES NOEL 2,947,921
PPG INDUSTRIES OHIO, INC. 2,947,854
PPG INDUSTRIES OHIO, INC. 2,947,857
PPG INDUSTRIES OHIO, INC. 2,948,259
PRADELLI, MASSIMO 2,946,251
PRC-DESOTO INTERNATIONAL, INC. 2,948,350
PRECISE, ERIC 2,944,535
PRECISE, ERIC 2,944,679
PRESBY PATENT TRUST 2,949,677
PRESBY, DAVID W. 2,949,677
PRESIDENT AND BOARD OF TRUSTEES OF SANTA CLARA COLLEGE 2,949,355
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,949,535
PRICE, MICHAEL WILLIAM 2,947,412
PRINCE MINERALS LLC 2,947,766
PRINS, VINCENT 2,947,400
PROCEDE ETHANOL VERT TECHNOLOGIE 2,950,004
PROCELL THERAPEUTICS INC. 2,949,653
PROKOPOVICH, DALE 2,949,558
PROSZYNSKI, PATRYCJUSZ BARTLOMIEJ 2,946,980
PTAK, KEITH R. 2,946,191
PU, WEI 2,947,042
PU, WEI 2,947,043
PUTTUR, JAYASHREE 2,946,654
PYNNONEN, JANNE 2,950,058
Q-STATE BIOSCIENCES, INC. 2,946,385
QI, ZHONGWEI 2,947,984
QIAN, MING 2,945,539
QIAN, XIAOYAN 2,949,847
QIAN, ZIQING 2,949,705
QIN, SHIYAO 2,949,871
QU, PETER QIANG 2,949,541
QUALCOMM INCORPORATED 2,946,820
QUALCOMM INCORPORATED 2,946,897
QUALCOMM INCORPORATED 2,947,042
QUALCOMM INCORPORATED 2,947,043
QUALCOMM INCORPORATED 2,947,126
QUALCOMM INCORPORATED 2,949,550
QUELLEC, GWENOLE 2,948,204
QUINTILIANI, JOSEPH D. 2,949,983
RA PHARMACEUTICALS, INC. 2,949,985
RABE, THOMAS ELLIOT 2,949,116
RABE, THOMAS ELLIOT 2,949,118
RABE, THOMAS ELLIOT 2,949,119
RABHI, VIANNEY 2,946,466
RABINOWITZ, MATTHEW 2,945,962
RADAKOVITS, RANDOR R. 2,949,711
RADE-KUKIC, KORALJKA 2,946,079
RADER, DANIEL J. 2,946,392
RADON, RAPHAEL 2,949,352
RADON, ROMAN 2,949,352
RAICHURKAR, ANANDKUMAR 2,946,654
RAIMUND BECK KG 2,947,522
RAJPAL, ARVIND 2,946,488
RAMACHANDRAN, KARTHIK 2,949,716
RAMBAUD, PASCAL 2,946,033
RAMESH, SUNIL 2,948,296
RAMMENSEE, HANS-GEORG 2,946,349
RAMPF, MARKUS 2,948,081
RAMSBORG, CHRIS 2,946,312
RAMSEY, EDWARD DALHOUSIE 2,949,654
RANGONI, FRANCESCO 2,948,120
RANKIN, JONATHAN P. 2,949,945
RANKIN, JONATHAN P. 2,949,973
RAO, YADUNANDANA N. 2,947,271
RARE ANTIBODY ANTIGEN SUPPLY, INC. 2,949,994
RASANEN, JARI 2,950,058
RASKA, JASON K. 2,946,343
RASMUSSEN, CHRISTOPHER JOHN 2,947,716
RATHAMMER, RICHARD 2,947,221
RAUSSI, JAANA 2,949,592
RAYTHEON COMPANY 2,947,136
RAYTHEON COMPANY 2,949,209
RAZA, SYED 2,949,514
RBS SPRL 2,946,357
READ, BRIAN W. 2,949,709
RECTOR, DAVID JOHN 2,949,707
REDBEARD VENTURES, LLC 2,949,362
REED, DEREK 2,949,366
REGENERON PHARMACEUTICALS, INC. 2,946,412
REICH, MELANIE 2,945,529
REICH, MELANIE 2,945,535
REILLO, MICHELLE 2,949,369
REN, HUGANG 2,949,503
RENAULT S.A.S. 2,946,830
RENDUSARA, DUDI 2,949,533
RESNICK, BRIAN J. 2,949,813
RESSEMANN, THOMAS V. 2,949,962
REVELES, JUAN 2,946,250
REY, DIEGO ARIEL 2,949,376
REYNOLDS, BRIAN R. 2,945,796
RHOADES, VALERIE LISA 2,948,477
RIAZALHOSSEINI, YASSER 2,945,635
RICARDO, ALONSO 2,949,985
RICCARDI, GRACE 2,949,544
RICCI, MAURO 2,944,818
RICHARDS, NICOLE M. 2,949,607
RICHARDSON, BRIAN 2,949,066
RICHARDSON, WILLIAM 2,946,962
RICHTER, KLAUS 2,946,346
RICOH COMPANY, LIMITED 2,949,473
RICOH COMPANY, LTD. 2,949,466
RIGDELUGE GLOBAL LIMITED 2,944,686
RINAT NEUROSCIENCE CORP. 2,946,488
RIO TINTO ALCAN INTERNATIONAL LIMITED 2,950,035
RIPHAGEN, IAN 2,947,182
RISSANEN, JAAKKO 2,949,592
RITE-HITE HOLDING CORPORATION 2,947,481
RITZBERGER, CHRISTIAN 2,948,081
RIZZI, DARIO 2,948,014
ROBARGE, JAMES 2,947,136
ROBBINS, PAUL HENRY 2,949,557
ROBERT, ALAIN 2,946,795
ROBERTO, BIANCO 2,949,594
ROBERTS, TUCKER CURRAN 2,949,681
ROBICHAUD, ALBERT JEAN 2,949,720
RODWELL, MORGAN CHARLES 2,949,975
ROESSLER, FRANCIS C. 2,947,282
ROGERS, MARC 2,945,529
ROGERS, MARC 2,945,535
ROIJEN-HUIJNEN, JUDITH 2,947,449
ROJAS EXPOSITO, LUIS ALFONSO 2,946,650
RONCARI, DAVIDE 2,949,999
ROSEN, ROBERT 2,946,356
ROSENBLUTH, KATHRYN H. 2,949,843
ROSENWASSER, MELVIN P. 2,949,606
ROSNES LIMITED 2,949,591
ROSS-JOHNSRUD, BEN 2,944,758
ROSSETTI, MARK N. 2,949,973
ROTTGER, HENNING 2,948,412
ROUMANEIX, ALEXANDRE 2,948,289
ROUNTREE, RYAN 2,946,418
ROUNTREE, RYAN 2,946,606
ROWLEY, DAVID SCOTT 2,949,976
ROY CHOUDHURY, NILANJANA 2,946,654
ROYTEK, CORRIE S. 2,888,097
ROZ, JEAN-MICHEL 2,948,314
RQX PHARMACEUTICALS, INC. 2,949,681
RUBIN, DARRYL 2,948,656
RUBIN, DARRYL 2,948,662
RUBIN, DARRYL E. 2,948,659
RUBIN, DARRYL E. 2,948,660
RUBIO MARTINEZ, MARTA 2,929,293
RUBY, CRAIG 2,949,744
RUGGERI, ALESSANDRO 2,946,228
RUMLEY, MEGAN 2,947,670
RUPP, MICHAEL D. 2,944,197

RUSCONI CLERICI, ANDREA 2,946,784
RUSSELL, MARK 2,949,167
RUSSELL, STEPHEN 2,949,484
RUSSELL, WILLIAM P. 2,949,983
RYAN, JAMES 2,949,230
RYMER, HANNAH 2,946,493
RYU, JEONG HEE 2,949,943
S.P.C.M. SA 2,946,467
SABIC GLOBAL TECHNOLOGIES B.V. 2,941,778
SABIN, PAUL 2,949,363
SABINA, MICHAEL 2,946,815
SACCOMANDO, DANIEL J. 2,948,138
SACCOMANDO, DANIEL J. 2,948,149
SACCOMANDO, DANIEL J. 2,948,156
SACCOMANDO, DANIEL J. 2,948,289
SAF-HOLLAND GMBH 2,949,578
SAFEPATH MEDICAL, INC. 2,949,363
SAFRAN AIRCRAFT ENGINES 2,946,233
SAFRAN AIRCRAFT ENGINES 2,946,958
SAFRAN AIRCRAFT ENGINES 2,947,121
SAFRAN AIRCRAFT ENGINES 2,948,040
SAGE PRODUCTS, LLC 2,947,150
SAGE THERAPEUTICS, INC. 2,949,720
SAIKA, MASAYUKI 2,949,758
SAINT-GOBAIN GLASS FRANCE 2,946,717
SAITO, TSUNEO 2,949,769
SAKAGAMI, HIDEKI 2,949,028
SAKAMOTO, HIROKI 2,946,519
SAKARYA, ONUR 2,945,962
SALITURO, FRANCESCO G. 2,949,720
SALOMON, DANIEL 2,949,959
SALOMON, JEREMIE 2,948,387
SALTWORKS TECHNOLOGIES INC. 2,941,617
SALVIATO, JEAN-YVES 2,947,490
SAMSUNG ELECTRONICS CO., LTD. 2,949,341
SAMSUNG ELECTRONICS CO., LTD. 2,949,371
SAMSUNG ELECTRONICS CO., LTD. 2,949,780
SANDERS, LAURIE 2,946,543
SANDERS, LAURIE 2,946,554
SANDERS, LAURIE 2,946,561
SANDOZ AG 2,945,877
SANDOZ AG 2,948,369
SANGER, TERENCE D. 2,949,843
SARBUTT, ADAM 2,949,558
SARGENT, DONALD A. 2,949,661
SARKIZOVA, SIRANUSH 2,948,651
SAS D.R.E.A.M. 2,948,958
SATO, ATSUSHI 2,950,072
SATRE, SCOT 2,949,709
SAUKAITIS, JOHN CHARLES 2,944,535
SAUKAITIS, JOHN CHARLES 2,944,679
SAURIOL, PIERRE 2,949,305
SAVAGE, LAWRENCE E., II 2,947,136
SAVIAN, SCOTT 2,949,874
SAWIN, PHILIP ANDREW 2,946,215
SCANTLIN, GARY 2,947,693
SCHAB, JOSEPH 2,949,348
SCHACHTSCHABEL, DOREEN 2,946,334
SCHACHTSIEK, LARS 2,947,464
SCHAEFER, NORBERT 2,948,101
SCHALK, MICHEL 2,946,813
SCHANDL, GEROLD 2,948,734
SCHEINBERG, DAVID A. 2,949,365
SCHEMMANN, MARCEL F. 2,945,929
SCHEMMANN, MARCEL F. 2,946,194
SCHEMMANN, MARCEL F. 2,946,290
SCHEMMANN, MARCEL F. 2,946,291
SCHEMMANN, MARCEL F. 2,946,395
SCHEMMANN, MARCEL F. 2,946,397
SCHEMMANN, MARCEL F. 2,946,535
SCHEMMANN, MARCEL F. 2,946,712
SCHENCK PROCESS AUSTRALIA PTY LIMITED 2,949,738
SCHEURING, UWE 2,948,070
SCHINAZI, RAYMOND F. 2,945,514
SCHLANGEN, ADAM J. 2,888,097
SCHLANGEN, ADAM J. 2,946,343
SCHLEGEL, CHRISTIAN 2,947,766
SCHLEIF, ANDREW C. 2,888,097
SCHLESINGER, BENNY 2,947,038
SCHLIERBACH-KNOBLOCH, THOMAS 2,947,500
SCHLINGMAN, DANIEL 2,946,046
SCHLUMBERGER CANADA LIMITED 2,949,533
SCHMIDT, TROY WILLIAM 2,950,063
SCHMIT, FRANCIS 2,946,844
SCHMITT, GUNTER 2,947,788
SCHOELKOPF, JOACHIM 2,948,606
SCHOMBOURG, JACQUES 2,948,035
SCHRECK, DAVID 2,949,512
SCHULTE, FRANZ 2,947,500
SCHULZ, JOERN-ERIC 2,948,072
SCHULZ, MICHAEL 2,946,492
SCHULZ, ROBERT 2,948,078
SCHULZE, THOMAS 2,944,522
SCHUMACHER, STEVEN D. 2,947,854
SCHUNK, STEFAN 2,945,529
SCHUNK, STEFAN 2,945,535
SCHWAMB, MICHAEL 2,947,464
SCHWAMMENTHAL, EHUD 2,948,121
SCHWARTZ, JUSTIN M. 2,949,522
SCHWARZ, JACOB BRADLEY 2,949,681
SCHWARZE, HANS-OTTO 2,947,690
SCHWEIGER, MARCEL 2,948,081
SCOBIE, MARTIN 2,949,785
SCOTT, RYAN 2,949,562
SCRUGGS, JAMES 2,949,766
SCUERO, ALBERTO MARIA 2,946,786
SEBRING, GREG BRYDEN 2,949,995
SEEWALD, OLIVER 2,947,464
SELBY, THOMAS PAUL 2,946,138
SELLERS-BLAIS, DOMINIC 2,949,482
SEN, DIPANJAN 2,946,820
SENGI CORPORATION 2,949,847
SENGUPTA, SAURAV S. 2,948,260
SENTERGY LIMITED 2,946,980
SENTINEL HYDROSOLUTIONS, LLC 2,949,757
SEO, HANBYUL 2,949,347
SEREGIN, VADIM 2,947,042
SEREGIN, VADIM 2,947,043
SERVAIS, BERNARD 2,946,357
SERVAIS, PIERRE 2,946,357
SEYB, KATHLEEN 2,949,985
SHAH, KALPANA 2,950,008
SHAHRI, MOJTABA P. 2,946,722
SHAKIRZIANOV, ANTON 2,948,646
SHALEM, ROTEM 2,949,738
SHANBHAG, GAJANAN 2,946,654
SHARP KABUSHIKI KAISHA 2,949,460
SHARP, WILLIAM ANDREW II. 2,947,981
SHAW, SCOTT 2,949,757
SHAY, EITAN 2,949,953
SHEEHY, ALAN JAMES (DECEASED) 2,949,467
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,944,535
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,944,679
SHELLENBERGER, RUSSELL 2,948,259
SHELTON, DAVID LOUIS 2,946,488
SHENOI, RAJESH 2,949,868
SHERMAN, FAIZ FEISAL 2,949,116
SHERMAN, FAIZ FEISAL 2,949,118
SHERMAN, FAIZ FEISAL 2,949,119
SHEVGOOR, SIDDARTH K. 2,946,405
SHI, JAY JIE 2,947,765
SHI, JUNXING 2,945,514
SHI, XIAOBIN 2,946,611
SHIA, KAK-SHAN 2,949,663
SHIBATA, TAIKI 2,949,474
SHIM, DONG-JIN 2,947,299
SHIPLEY, ERICA H. 2,949,973
SHITAMA, HIROAKI 2,950,072
SHOKOUHI, MILAD 2,948,651
SHOOLMAN, DAVID 2,949,744
SHORLAND, SIMON T. 2,945,932
SHOWA DENKO K.K. 2,949,635
SHUGARS, GREGG LEE 2,947,412
SHULTZ, PETER V. 2,948,525
SIDDIQUI, KABIR 2,948,508
SIEMENS AKTIENGESELLSCHAFT 2,946,677
SIEMENS AKTIENGESELLSCHAFT 2,948,068
SIEMENS INDUSTRY, INC. 2,946,004
SIEMERS, STEFAN 2,947,522
SIGLER, PATRICK J. 2,947,136
SIGLING, RALF 2,946,677
SIGURJONSSON, STYRMIR 2,945,962
SIKA TECHNOLOGY AG 2,947,226
SIKA TECHNOLOGY AG 2,948,564
SIKA TECHNOLOGY AG 2,948,565
SILBER, MICHAELLA MAXINE 2,949,077
SILBER, NORMAN ISAAC 2,949,077
SILVA, RUBERLAN GOMES 2,948,401
SILVERMAN, JOSHUA 2,946,846
SILVERNAIL, NATHAN J. 2,947,857
SIM, RICHARD BILL 2,949,953
SIMONTACCHI, PAMELA 2,946,233

SIMPSON, NEIL ANDREW ABERCROMBIE 2,949,741
SIMS, LISA 2,949,366
SINGH, MANJINDER J. 2,948,068
SINPHAR TIAN-LI PHARMACEUTICAL CO., LTD. (HANGZHOU) 2,949,569
SISAY, MIHIRET TEKESTE 2,946,334
SIVERTSEN, CLAS GERHARD 2,949,768
SKITZKI, JOSEPH 2,949,942
SKUPIN, GABRIEL 2,948,416
SKUPIN, GABRIEL 2,948,422
SLEIGHT, PETER 2,949,167
SLOAN, MARC 2,948,651
SMEE, JOHN EDWARD 2,946,897
SMEE, JOHN EDWARD 2,947,126
SMITH & NEPHEW PLC 2,949,167
SMITH, BLAKE EVERETT 2,949,960
SMITH, PETER ANDREW 2,949,681
SMITH, SAMUEL MCARTHUR 2,949,979
SMITH-JONES, PETER M. 2,949,365
SNECMA 2,946,708
SNECMA 2,946,710
SNECMA 2,947,120
SNECMA 2,947,249
SNYDER, WILLIAM S., JR. 2,947,695
SOFTBANK ROBOTICS EUROPE 2,946,040
SOFTBANK ROBOTICS EUROPE 2,946,043
SOFTBANK ROBOTICS EUROPE 2,946,044
SOFTBANK ROBOTICS EUROPE 2,946,056
SOFTBANK ROBOTICS EUROPE 2,946,069
SOFTBANK ROBOTICS EUROPE 2,948,073
SOFTBANK ROBOTICS EUROPE 2,948,212
SOGABE, MANABU 2,949,474
SOLAPURE, SURESH 2,946,654
SOLDATE, DAVID W. 2,949,706
SOLE ROJALS, JOEL 2,947,042
SOLE ROJALS, JOEL 2,947,043
SOLETANCHE FREYSSINET S.A.S. 2,947,639
SOLVANG, FINN ERIK 2,947,461
SOMANATHAN, SURYANRAYAN 2,946,392
SONENDO, INC. 2,946,760
SONG, HO YOUNG 2,949,943
SONI, SUMIT 2,949,066
SONOFAST, INC. 2,950,099
SONY CORPORATION 2,949,652
SOOMA LTD 2,948,955
SORIAGA, JOSEPH BINAMIRA 2,946,897
SORIAGA, JOSEPH BINAMIRA 2,947,126
SOTKE, VERA 2,947,464
SOUTH CHINA SEA INSTITUTE OF OCEANOLOGY, CHINESE ACADEMY OF SCIENCES 2,946,611
SOUTHERN, JAMES 2,949,860
SPADA, ALFRED P. 2,948,540
SPADACINI, CLAUDIO 2,948,014
SPARR, JENNIFER 2,949,451
SPARROW, BENJAMIN 2,941,617
SPEER, ROBERT J. 2,949,385
SPENCER, DANNY 2,949,675
SPERINDIO, MATTEO 2,949,491
SPIEGEL, MICHAEL 2,946,354
SPIELMANN, CHRISTOPH 2,946,456
SPINELLA, DONALD J. 2,949,385
SPINKS, GARY DONALD 2,949,593
SPITZER, JEFFREY A. 2,949,707
SPROUTSIO, INC. 2,946,738
ST JEAN, GUYLAINE 2,947,868
STAEDTLER MARS GMBH & CO. KG 2,949,394
STAMM, EDWARD L., JR. 2,949,976
STANZIONE, TOM 2,950,101
STARK, MARKUS 2,946,346
STATE GRID CORPORATION OF CHINA 2,949,871
STATE, MIHAI 2,946,356
STEELE, DAVID JOE 2,949,633
STEENSON, LEO 2,949,533
STEFANIAK, FILIP 2,946,258
STEIN, DONALD JOSEPH 2,949,439
STEIN-FECHNER, KATHLEEN 2,950,068
STEINMETZ, GORDON J. 2,888,097
STEMBERGER, CHRISTIAN 2,945,889
STENGER, CHRISTIAN 2,948,564
STENZLER, PAULA 2,949,522
STEVANOVIC, STEFAN 2,946,349
STEVENSON, THOMAS MARTIN 2,946,138
STICKEL, JULIANE 2,946,349
STIESDAL, HENRIK 2,946,677
STOCKL, LARS 2,945,883
STOLTENJOHANNES, JURGEN 2,949,175
STORA ENSO OYJ 2,950,058
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